



Atkore Unistrut & Marco Catalogue



Atkore™
Unistrut

Atkore™
Marco

Building better together.



Data Centres Page 7



Renewables Page 7



Modular & Pre Fabrication Page 183



Healthcare Page 207



Atkore Unistrut

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Atkore Marco

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About Atkore Unistrut & Marco

Over ninety years of innovation

Atkore Unistrut was established in 1924 and is the original metal framing system featuring a unique weldless connection. The Atkore Unistrut system eliminates welding and drilling and is easily adjustable and reusable for infinite configurations. Atkore Unistrut has evolved from a simple connection concept to a comprehensive engineered building and support system featuring a robust line of channels, fittings, fasteners, hangers, pipe clamps, and accessories. Recent exciting developments for the company have set a unique position where Atkore Unistrut can now offer a guaranteed one stop service with the ability to meet the needs of any specification across multiple sectors.

Cable Management Solutions

Atkore Marco is a leading uPVC Cable Management Company, and the UK's largest manufacturer of Steel Wire Cable Tray. Today, Atkore Marco is a leader in its field, having carved a reputation as an innovator and provider of quality products, coupled with an unrivalled service and delivery. Working with distributors, and contractors across the UK, Atkore Marco can offer a one stop shop service, providing a full range of cable containment solutions to its customers.

Moving forward Atkore Unistrut & Marco will continue to innovate, develop, and strengthen the core products offering whilst introducing new products and accessories to support and increase customer group.

'Flytec's innovative product range has been a great addition to the portfolio, allowing us to expand our overall offering'

Part of the Atkore family

Atkore is a major manufacturer and innovator with a unique focus on steel framing and cable management. As part of the Atkore family the business can draw on a variety of technologies, products, and experience from Atkore companies throughout the world.

Atkore Unistrut & Marco People Promise

Sharing experience, knowledge, and expertise. The business continues to make investments in people, products, and services. The ability to share experience and knowledge with customers is the key to the business' success in a wide range of industry sectors.



About Us

Quality Standards

Quality Standards

Atkore Unistrut & Marco remain synonymous with engineering excellence, so it is no surprise the business prides itself to attention to detail and quality.

The commitment to match and exceed quality standards (where possible), this means that the business remains at the forefront of the industry by providing products you can trust.

Certified and tested systems, giving you peace of mind

Atkore Unistrut's loading software, offers a comprehensively tested support system from lengths through the fittings and accessories. This certified data is there to give you peace of mind and help Atkore Unistrut specify the best solution for you.

The partnering approach and complete dataset means that Atkore Unistrut & Marco can offer exceptionally accurate bespoke solutions. So you can be sure that the design and specification on paper is what you will get in real world applications.

Engineered Solutions

The business understands the challenges that modern infrastructure projects create. It's often the case that an off-the-shelf solution is unable to achieve all of your needs and requirements – especially when there are specific location, timing, or environmental issues to consider.

In these situations a bespoke solution can offer you the durability and flexibility you need to successfully deliver your project. Atkore Unistrut & Marco bespoke manufacturing service specialises in solving complex cable management issues. The ability to assess, design, engineer and support bespoke systems has proven to be invaluable on a variety of major projects.

Atkore Unistrut & Marco's versatile offering

Atkore Unistrut & Marco products help to support the infrastructure that is vital to modern industry and commerce. The product range can be seen in over 50 industry sectors where expertise and reliability are vital to success. The team of experts design and deliver projects that keep industry functioning – from renewables to transportation, from the healthcare sector through to the latest developments in high-tech Data Centres. Atkore Unistrut & Marco have the products to support your solution.



Sectors & Products

Atkore Unistrut & Marco have every sector covered

| Sector/Products | Channel (PG/HG) | Channel (SS) | Channel (ZD) | Ladder (PG/HG) | Ladder (SS) | Tray (PG/HG/SS) | Wire Tray (EZ, PG, PC, HG) | Trunking (uPVC) | Trunking (PG) |
|--------------------------|-----------------|--------------|--------------|----------------|-------------|-----------------|----------------------------|-----------------|---------------|
| Oil & Gas | | X | | | X | X | | | |
| Rail | X | | | X | | X | | | X |
| Data Centres | X | | X | | | X | X | | |
| Aviation | X | | | X | | X | X | | X |
| Petrochemical | | X | | | X | X | | | |
| Renewable Energy | X | | | X | | X | | | |
| Heavy Industry | X | | | X | | X | | | |
| Healthcare | X | X | | | | X | X | X | X |
| Commercial Construction | X | | | X | | X | X | X | X |
| Mines, Metals & Minerals | X | | | X | | X | | | |
| Marine | | X | | | X | X | | | |



Sectors

Renewables & Data Centres

What is Renewable Energy?

Renewable energy is often referred to as clean energy, it comes from natural sources or processes that are constantly replenished.

Over the past 2 years many companies have become aware of climate change and the importance of reducing collective carbon footprint. Atkore is no exception, with Renewables becoming one of the focused target sectors.

Energy collected from wind and solar have been supporting the national grid for many years but recently due to the government promise for Net Zero by 2050 other renewables opportunities have arisen. These include converter stations to support on-shore wind and solar, EV and substations, all of which we have been able to advise and supply to.



What is a Data Centre?

Data Centres are often referred to as a singular thing, but they are composed of several technical elements. These can be broken down into three categories:

- **Computer:** The memory and processing power to run the applications, generally provided by high-end servers
- **Storage:** Important enterprise data is generally housed in a Data Centre, on media ranging from tape to solid-state drives, with multiple backups
- **Networking:** Interconnections between Data Centre components and to the outside world, including routers, switches, application-delivery controllers, and more

These are the components that IT needs to store and manage the most critical resources that are vital to the continuous operations of an organisation. Because of this, the reliability, efficiency, security, and constant evolution of Data Centres are typically a top priority. Both software and hardware security measures are a must.

Data Centre management is easy when utilising the complete Atkore Unistrut & Marco range, with products including Cable Ladder, Traditional and Spliced Tray, Steel Wire Cable Tray and a wide range of uPVC Trunking systems ensuring all your needs are met by the same supplier.

Atkore Unistrut & Marco

Materials & Finishes



Hot Dipped Galvanised HG

Processed in accordance with BS EN ISO 1461: 2009. It is an excellent solution for outdoor environments and has a unique metallurgical structure which gives outstanding resistance to mechanical damage. *55µm minimum thickness.

Stainless Steel SS

Stainless steel to 1.4404 (316L) standards. Excellent for marine applications and extreme environmental conditions. Pickle & Passivate is available upon request.

Zinc Dichromate ZD

Often used for clean rooms, Data Centres and other sterile environments.

Zinc Plated ZP

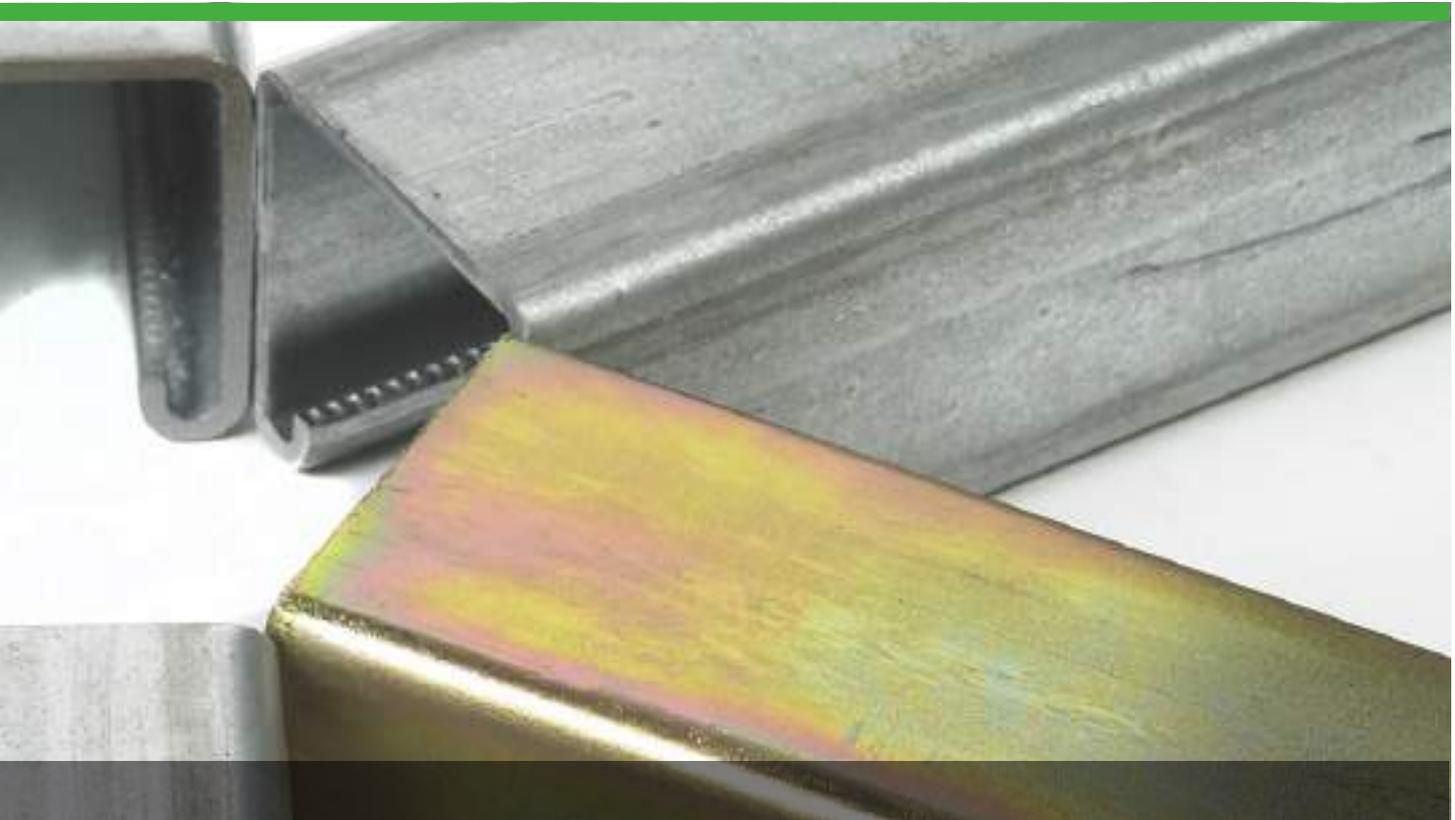
An alternative to a Pre Galvanised product and generally used for internal applications. Zinc Plated applications are often used in sterile environments. Electroplated EN 12329.

Zinc Magnesium ZM

Coated to standard EN10346-2015, Zinc-Aluminium-Magnesium is a coating whose main component is zinc, and the content of aluminium and magnesium is between 1.5-8% (where the magnesium content is not less than 0.2%). Compared with traditional coatings such as Hot-Dip Galvanising and Pre-Galvanised Steel, Zinc-Aluminium-Magnesium coated steels boast better corrosion resistance and self-healing properties. Ideal for extreme environmental conditions or high specification applications.

Materials & Finishes

Materials & Finishes



Zinc Aluminium*

Coated to standard EN10346-2015
Zinc-Aluminium offers excellent coating resistance compared to traditional Zinc coatings. Zinc Aluminium typically offers a coating which is 95% Zn & 5% Al. Perfect for outdoor applications. *ZA available in Steel Wire Cable Tray only.

Plain Oil

Plain oil to BS EN 10025 standards. Pickled & Oiled with a min. yield 280 n/mm². Excellent for welding and finishing on site. Ideal base for powder coating and other surface finishes.

Pre Galvanised

The most popular finish, generally used for internal applications. Pre Galvanised to Z275- BS EN 10346 1.0244 standards. Supplied with a zinc coating to a nominal coat of 20µm.

Deep Galvanised

Processed in accordance with BS EN ISO 1461: 2009 to a greater thickness than the standard Hot Dipped Galvanised, it is an excellent solution for outdoor and harsh environments. *75 - 85µm minimum thickness.

Powder Coated

A variety of powder coating finishes are available. Often used to provide a pleasing aesthetic finish to projects such as shops and retail environments.

Deep Galvanised - 120µm+

Extra Deep Galvanised on silicone rich steel to a depth of 120µm+. Please consult the Atkore Unistrut Technical Team for predicted lifespan.

Metal Framing

Original Unistrut® Metal Framing



METAL FRAMING CONTENTS

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The original Metal Framing System

History

The original Unistrut Metal Framing System was invented in 1924 by Charles Attwood. The original design came from a need for efficiently mounting electrical components in large electrical cabinets. The key to this was the creation of the Unistrut channel & Unistrut Channel Nut. Although developed for electrical applications, Mr. Attwood envisioned using his product for almost any application requiring a structural support frame designed and built in the field.

Following this, Attwood created a full Metal Framing System including, Unistrut channel, nuts, fittings, brackets and fixings to increase product versatility. Now almost 100 years later, industries across the world still use Unistrut's original Metal Framing System for their applications.

Metal Framing System

Atkore Unistrut leads the industry with the most comprehensive line of channels and fittings, along with a complete line of hangers, pipe clamps, concrete inserts, and accessories, in a variety of finishes and materials.

The Metal Framing System requires no welding and no drilling - a wrench is the only tool you'll need! The Unistrut system is 100% reusable due to its flexibility, adaptability and versatility.



The only tool you'll need!



Metal Framing System

Mr Strut's Story

Mr.Strut

Did you know that the iconic mascot, Mr. Strut, was created by Walt Disney? Atkore Unistrut's founder, Charles Attwood, met Walt Disney on a commercial airline flight. During this meeting, Walt drew a sketch of Mr.Strut on a napkin and following the exchange, created an animated short film about the Unistrut Metal Framing System called 'Sky's the Limit'.



Scan the QR code to watch the 'Sky's the Limit' video!

Materials and Finishes

INTRODUCTION

Atkore Unistrut channels and fittings offer total flexibility in design and construction of assemblies for framing applications.

Atkore Unistrut products are available in a range of materials and finishes. These finishes offer differing degrees of corrosion protection for use in a variety of environments. Where required, factory decorative finishes are available to order.

MATERIALS

Channels are cold rolled from 1.5mm and 2.5mm steel strip and are available in:

- PO** PLAIN OILED
- PG** PRE - GALVANISED
- HG** HOT DIP GALVANISED
- DG** DEEP HOT DIP GALVANISED
- SS** STAINLESS STEEL MARINE GRADE
- ZP** ELECTRO ZINC PLATED

Mild steel channels are rolled using material formed from BS EN 10025 with guaranteed yield 280N/mm² and minimum ultimate tensile strength of 370N/mm².

Stainless steel channels are rolled using material formed from BS EN10088-2 grade 1.4404 (Grade 316L).

Atkore Unistrut fittings are pressed from hot rolled, pickled and oiled mild steel plate, or strip steel mainly from grade S315MC OR grade S275 mild steel.

Stainless Steel fittings are available to EN10088-2 grade 1.4404 (Grade 316L).

FINISHES

Hot -Dip Galvanised

Channels are Hot-Dip Galvanised in accordance with BS EN ISO1461:2009 and chromate passivated.

The minimum average Zinc Coating is as follows:

- Cold Rolled From 1.5mm Steel - 55 microns
- 2.5mm Steel - 55 microns

Fittings spun galvanised - 45 microns

Pre-Galvanised

Pre-Galvanising is to BS EN 10326 2004 (Coating Z275).

Special coatings and material grades are available on request

Stainless Steel

- Stainless Steel 1.4404 (316L)
- Cleaned (Pickled & Passivated)

Applying a pickling process to stainless steel results in a clean product and it also removes any heat discoloration that has occurred in the welding process.

Deep Galvanised

A deep galvanised coating can be achieved when using steel containing a slightly higher proportion of silicon; for example Corten 'A' steel. Silicon bearing steels modify the chemistry of the galvanizing process, resulting in the zinc coating continuing to increase in thickness as long as the steel remains immersed in the zinc. Coatings up to two to three times as thick as the normal standard coating are practical to achieve.

PVC Coating

PVC coating is a thick coating with good anti-corrosion properties. It gives a generally good chemical resistance to most acidic and alkaline materials. It is not suitable for use with most solvent-based contaminants. PVC coating is suitable for application over Hot-Dip Galvanised Steel.

Zinc Electroplated

Channel nuts and bolts are zinc electroplated.

RANGE

Channels are available in plain or slotted (Code T), in multiple channel combinations and all 2.5mm channels have serrated lips. Slots, 14mm wide x 28mm long or 11mm wide x 25mm long, are provided at 50mm nominal centres. Combination channels manufactured from Pre-Galvanised Steel are spot welded, whilst Hot-Dip Galvanised channels are continuously seam welded or spot welded as appropriate.

LENGTH

Standard channel lengths are 3m or 6m. Cut channel lengths can be supplied.

WEIGHTS & DIMENSIONS

Weights published in this catalogue for all materials are approximate shipping weights. All dimensions are subject to commercial tolerance variations.

TORQUE

The torque figures stated in this catalogue are based on using a properly calibrated torque wrench with a clean, dry (non-lubricated) Atkore Unistrut fitting, bolt and nut. A lubricated bolt or nut can cause extremely high tension in the connection and may lead to bolt failure. It must be noted that the accuracy of commercial torque wrenches varies widely and it is the responsibility of the installer to ensure that proper bolt torque has been achieved.

PERFORMANCE

It should not be assumed that the performance of a Stainless Steel product is similar to that of its mild steel counterpart. Consult your local Technical Sales Manager for further information.

FITTING APPLICATION

All part drawings illustrate only one application of each fitting. In most cases, many other applications are possible. Load values are based on use of a PNP12 Unistrut nut and M12 bolt unless specified otherwise.

While effort has been made to ensure the accuracy of the information contained in this catalogue at the time of publication, we cannot accept responsibility for inaccuracies resulting from undetected errors or omissions.

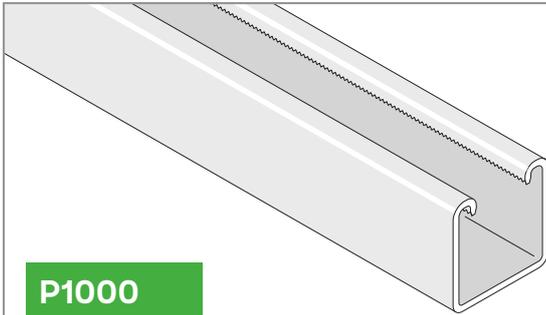
E & O.E. Unistrut Limited has a policy of continuous product development and reserve the right to change specifications without prior notice.

STANDARDS

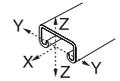
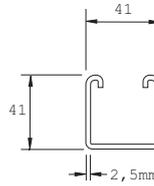
The standard requires that products are stamped with BSEN6946:1988 and also the name of the manufacturer. We at Atkore Unistrut show that the standard is achieved by rolling the channel with the part number along with the full name of the Standard BSEN6946:1988, and also our own Atkore Unistrut branding. This is, as it should be, stamped into the Channel to ensure that you can clearly identify our product over the inferior product that is creeping into the market place.

The engraving should also be clearly visible at all times, even when the product has undergone further finishing treatments i.e. Hot Dip Galvanised, Epoxy Coating. Contractors and distributors should be aware of cheap imported and non-standard products that have removable or no product marking at all, as this is not within the standard.

Unistrut P1000



P1000

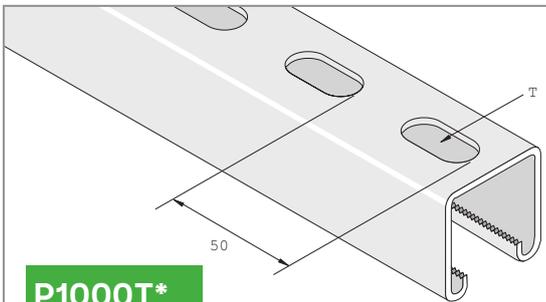


$A = 3.35 \text{ cm}^2$
 $\hat{m} = 2.88 \text{ kg/m}$
 $I_{y-y} = 7.21 \text{ cm}^4$
 $Z_{y-y} = 3.10 \text{ cm}^3$
 $r_{y-y} = 1.46 \text{ cm}$
 $I_{z-z} = 9.23 \text{ cm}^4$
 $Z_{z-z} = 4.47 \text{ cm}^3$
 $r_{z-z} = 1.66 \text{ cm}$

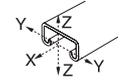
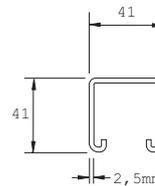
HG PO PG SS

| L(mm) | F | | f=1/200L | f=1/360L | F _(ult) |
|-------|-----------------------|-----------------------|----------|----------|--------------------|
| | F _{max} (kN) | f _{max} (mm) | | | |
| 250 | 17.354 | 0.23 | - | - | 16.608 |
| 500 | 8.672 | 0.95 | - | - | 16.187 |
| 750 | 5.778 | 2.15 | - | 5.602 | 15.245 |
| 1000 | 4.336 | 3.82 | - | 3.149 | 13.685 |
| 1250 | 3.463 | 5.97 | - | 2.011 | 12.086 |
| 1500 | 2.884 | 8.60 | 2.521 | 1.393 | 10.722 |
| 1750 | 2.472 | 11.70 | 1.844 | 1.020 | 9.575 |
| 2000 | 2.168 | 15.29 | 1.413 | 0.785 | 8.623 |
| 2250 | 1.923 | 19.35 | 1.118 | 0.618 | 7.819 |
| 2500 | 1.727 | 23.89 | 0.903 | 0.500 | 7.112 |
| 2750 | 1.570 | 28.91 | 0.746 | 0.412 | 6.504* |
| 3000 | 1.442 | 34.40 | 0.628 | 0.343 | 5.995* |

*180 ≤ kL/r < 250



P1000T*



$A = 3.00 \text{ cm}^2$
 $\hat{m} = 2.73 \text{ kg/m}$
 $I_{y-y} = 6.10 \text{ cm}^4$
 $Z_{y-y} = 2.87 \text{ cm}^3$
 $r_{y-y} = 1.42 \text{ cm}$
 $I_{z-z} = 9.17 \text{ cm}^4$
 $Z_{z-z} = 4.44 \text{ cm}^3$
 $r_{z-z} = 1.74 \text{ cm}$

HG PO PG SS

| L(mm) | F | | f=1/200L | f=1/360L | F _(ult) |
|-------|-----------------------|-----------------------|----------|----------|--------------------|
| | F _{max} (kN) | f _{max} (mm) | | | |
| 250 | 16.069 | 0.27 | - | - | 16.283 |
| 500 | 8.034 | 1.05 | - | - | 16.039 |
| 750 | 5.356 | 2.35 | - | 4.738 | 15.274 |
| 1000 | 4.012 | 4.18 | - | 2.659 | 13.626 |
| 1250 | 3.208 | 6.54 | 3.071 | 1.707 | 11.880 |
| 1500 | 2.678 | 9.41 | 2.129 | 1.177 | 10.418 |
| 1750 | 2.296 | 12.81 | 1.560 | 0.863 | 9.231 |
| 2000 | 2.001 | 16.73 | 1.197 | 0.657 | 8.270 |
| 2250 | 1.785 | 21.18 | 0.942 | 0.520 | 7.465 |
| 2500 | 1.599 | 26.15 | 0.765 | 0.422 | 6.779 |
| 2750 | 1.452 | 31.64 | 0.628 | 0.343 | 6.190* |
| 3000 | 1.334 | 37.65 | 0.530 | 0.294 | 5.670* |

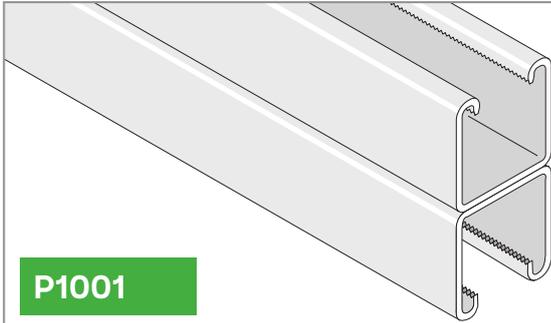
*180 ≤ kL/r < 250

See page 18 for information on our Triple Slotted Channel

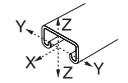
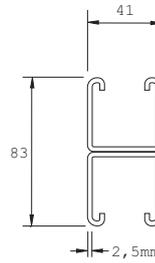
| Part No. | Length M | | Finish | | | | Slot Size (T) | |
|----------|----------|---|--------|----|----|----|---------------|-------|
| | 3 | 6 | PO | PG | HG | SS | 25x11 | 28x14 |
| P1000 | • | • | • | • | • | • | | |
| P1000T | • | • | • | • | • | • | | • |
| P1000T10 | • | • | • | • | • | • | • | |

Stated loadings apply to mild steel products only.

Unistrut P1001



P1001



$A = 6.70 \text{ cm}^2$
 $\rho/m = 5.77 \text{ kg/m}$
 $I_{y-y} = 36.27 \text{ cm}^4$
 $I_{z-z} = 8.78 \text{ cm}^4$
 $r_{y-y} = 2.32 \text{ cm}$
 $r_{z-z} = 18.46 \text{ cm}$
 $r_{z-z} = 8.94 \text{ cm}$
 $r_{z-z} = 1.66 \text{ cm}$

HG **PO** **PG** **SS**

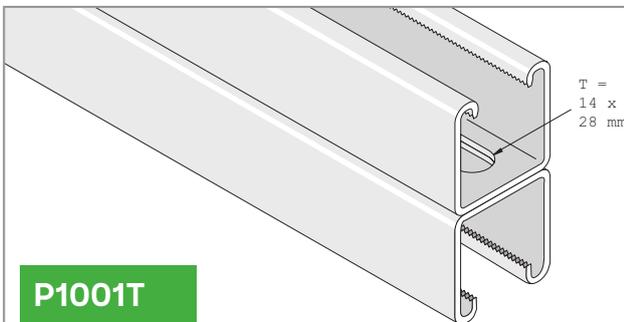
| L(mm) | F | | $f = 1/200L$ | $f = 1/360L$ | $F_{(kN)}$ |
|-------|---------------|---------------|--------------|--------------|------------|
| | $F_{max}(kN)$ | $f_{max}(mm)$ | | | |
| 250 | - | - | - | - | 28.253 |
| 500 | - | - | - | - | 28.096 |
| 750 | 16.383 | 1.21 | - | - | 27.792 |
| 1000 | 12.292 | 2.15 | - | - | 27.301 |
| 1250 | 9.830 | 3.36 | - | - | 26.438 |
| 1500 | 8.191 | 4.84 | - | 7.044 | 25.025 |
| 1750 | 7.024 | 6.59 | - | 5.170 | 23.220 |
| 2000 | 6.141 | 8.61 | - | 3.963 | 21.288 |
| 2250 | 5.454 | 10.89 | - | 3.129 | 19.394 |
| 2500 | 4.915 | 13.45 | 4.562 | 2.531 | 17.619 |
| 2750 | 4.464 | 16.27 | 3.767 | 2.090 | 15.990 |
| 3000 | 4.091 | 19.37 | 3.169 | 1.756 | 14.519* |

HG Continuously Seam Welded

SS Spot Welded

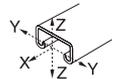
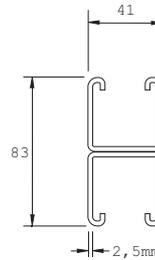


* $180 \leq kL/r < 250$



P1001T

T = 14 x 28 mm



$A = 6.00 \text{ cm}^2$
 $\rho/m = 5.47 \text{ kg/m}$
 $I_{y-y} = 36.21 \text{ cm}^4$
 $I_{z-z} = 8.77 \text{ cm}^4$
 $r_{y-y} = 2.45 \text{ cm}$
 $r_{z-z} = 18.34 \text{ cm}$
 $r_{z-z} = 8.88 \text{ cm}$
 $r_{z-z} = 1.74 \text{ cm}$

HG **PO** **PG** **SS**

| L(mm) | F | | $f = 1/200L$ | $f = 1/360L$ | $F_{(kN)}$ |
|-------|---------------|---------------|--------------|--------------|------------|
| | $F_{max}(kN)$ | $f_{max}(mm)$ | | | |
| 250 | - | - | - | - | 27.458 |
| 500 | - | - | - | - | 27.311 |
| 750 | 16.363 | 1.21 | - | - | 27.027 |
| 1000 | 12.272 | 2.15 | - | - | 26.585 |
| 1250 | 9.820 | 3.36 | - | - | 25.830 |
| 1500 | 8.182 | 4.84 | - | 7.034 | 24.584 |
| 1750 | 7.014 | 6.59 | - | 5.170 | 22.906 |
| 2000 | 6.131 | 8.61 | - | 3.953 | 21.042 |
| 2250 | 5.454 | 10.90 | - | 3.120 | 19.198 |
| 2500 | 4.905 | 13.46 | 4.552 | 2.531 | 17.452 |
| 2750 | 4.464 | 16.28 | 3.767 | 2.090 | 15.8520 |
| 3000 | 4.091 | 19.38 | 3.159 | 1.756 | 14.391* |

HG Continuously Seam Welded

PO **PG** **SS** Spot Welded



* $180 \leq kL/r < 250$

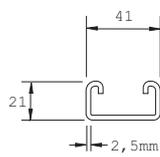
| Part No. | Length M | | Finish | | | | Slot Size (T) | |
|----------|----------|---|--------|----|----|----|---------------|-------|
| | 3 | 6 | PO | PG | HG | SS | 25x11 | 28x14 |
| P1001 | • | • | • | • | • | • | | |
| P1001T | • | • | • | • | • | • | | • |
| P1001T10 | • | • | • | • | • | • | • | |

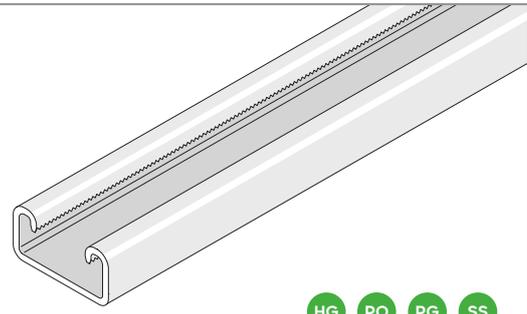
Stated loadings apply to mild steel products only.

Unistrut P3300



$A = 2.32 \text{ cm}^2$
 $\rho/m = 1.91 \text{ kg/m}$
 $I_{y-y} = 1.19 \text{ cm}^4$
 $I_{z-z} = 5.34 \text{ cm}^4$
 $r_{y-y} = 0.71 \text{ cm}$
 $r_{z-z} = 2.59 \text{ cm}$





P3300

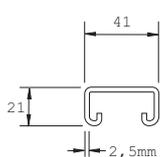
HG
PO
PG
SS

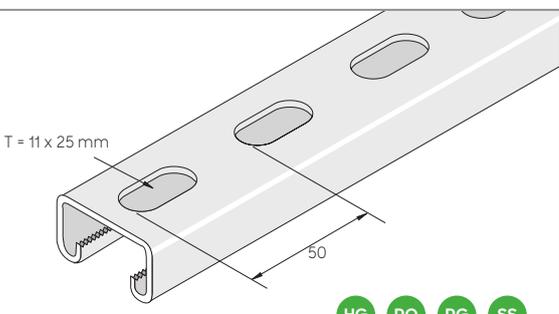
| L(mm) | F | | $f = 1/200L$ | $f = 1/360L$ | $F_{(obs)}$ |
|-------|---------------|---------------|--------------|--------------|-------------|
| | $F_{max}(kN)$ | $f_{max}(mm)$ | | | |
| 250 | 5.425 | 0.45 | - | - | 10.222 |
| 500 | 2.708 | 1.81 | - | 2.080 | 9.761 |
| 750 | 1.805 | 4.07 | 1.658 | 0.922 | 8.427 |
| 1000 | 1.354 | 7.24 | 0.932 | 0.520 | 6.769 |
| 1250 | 1.079 | 11.32 | 0.598 | 0.324 | 5.376 |
| 1500 | 0.903 | 16.30 | 0.412 | 0.226 | 4.287* |
| 1750 | 0.775 | 22.19 | 0.304 | - | 3.463* |
| 2000 | 0.677 | 28.99 | 0.226 | - | - |

* $180 \leq kL/r < 250$



$A = 2.075 \text{ cm}^2$
 $\rho/m = 1.76 \text{ kg/m}$
 $I_{y-y} = 1.04 \text{ cm}^4$
 $I_{z-z} = 0.92 \text{ cm}^4$
 $r_{y-y} = 0.71 \text{ cm}$
 $r_{z-z} = 2.57 \text{ cm}$





P3300T10

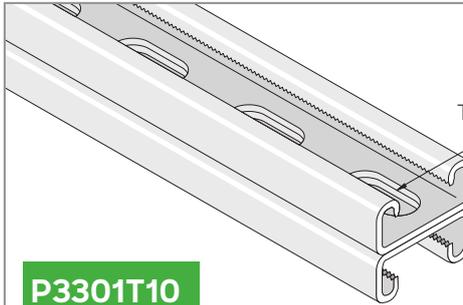
HG
PO
PG
SS

| L(mm) | F | | $f = 1/200L$ | $f = 1/360L$ | $F_{(obs)}$ |
|-------|---------------|---------------|--------------|--------------|-------------|
| | $F_{max}(kN)$ | $f_{max}(mm)$ | | | |
| 250 | 5.152 | 0.49 | - | - | - |
| 500 | 2.576 | 1.97 | - | 1.819 | - |
| 750 | 1.717 | 4.42 | 1.455 | 0.809 | - |
| 1000 | 1.288 | 7.87 | 0.819 | 0.455 | - |
| 1250 | 1.030 | 12.29 | 0.524 | 0.291 | - |
| 1500 | 0.859 | 17.70 | 0.364 | - | - |
| 1750 | 0.736 | 24.09 | 0.267 | - | - |
| 2000 | 0.644 | 31.46 | - | - | - |

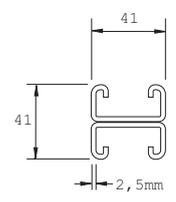
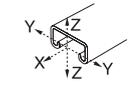
| Part No. | Length M | | Finish | | | |
|----------|----------|---|--------|----|----|----|
| | 3 | 6 | PO | PG | HG | SS |
| P3300 | • | • | • | • | • | • |
| P3300T10 | • | • | • | • | • | • |

Stated loadings apply to mild steel products only.

Unistrut P3301



T=14mm x 28mm

$A = 4.09 \text{ cm}^2$
 $\lambda/m = 3.53 \text{ kg/m}$
 $I_{y-y} = 6.42 \text{ cm}^4$
 $Z_{y-y} = 2.97 \text{ cm}^3$
 $r_{y-y} = 1.25 \text{ cm}$
 $I_{z-z} = 10.64 \text{ cm}^4$
 $Z_{z-z} = 5.14 \text{ cm}^3$
 $r_{z-z} = 1.61 \text{ cm}$

P3301T10

HG
PO
PG
SS

| L (mm) | F | | f = 1/200L | f = 1/360L | F ₍₄₀₎ |
|--------|-----------------------|-----------------------|------------|------------|-------------------|
| | F _{max} (kN) | f _{max} (mm) | | | |
| 250 | 16.632 | 0.26 | - | - | 17.266 |
| 500 | 8.316 | 1.03 | - | - | 17.030 |
| 750 | 5.544 | 2.31 | - | 4.991 | 16.599 |
| 1000 | 4.158 | 4.11 | - | 2.808 | 15.667 |
| 1250 | 3.326 | 6.43 | 3.234 | 1.797 | 14.156 |
| 1500 | 2.772 | 9.26 | 2.246 | 1.248 | 12.478 |
| 1750 | 2.376 | 12.60 | 1.650 | 0.917 | 10.899 |
| 2000 | 2.079 | 16.45 | 1.263 | 0.702 | 9.496 |
| 2250 | 1.848 | 20.83 | 0.998 | 0.555 | 8.289* |
| 2500 | 1.663 | 25.71 | 0.809 | 0.449 | 7.250* |
| 2750 | 1.512 | 31.11 | 0.668 | 0.371 | 6.377* |
| 3000 | 1.386 | 37.02 | 0.562 | 0.312 | - |

HG Continuously Seam Welded

PO
PG
SS Spot Welded

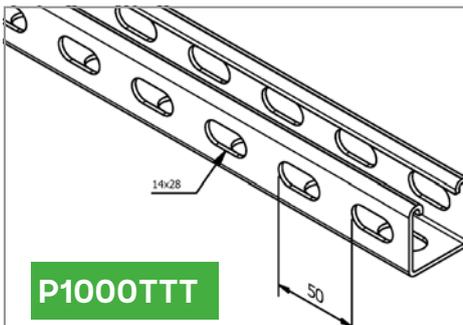


*180 ≤ kL/r < 250

| Part No. | Length M | | Finish | | | |
|----------|----------|---|--------|----|----|----|
| | 3 | 6 | PO | PG | HG | SS |
| P3301T10 | • | • | • | • | • | • |

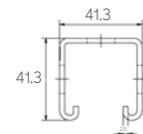
Stated loadings apply to mild steel products only.

Triple T (TTT)



14x28

50



- Triple Slotted Design
- Multiple Fixing Points
- Quick On-Site Configuration

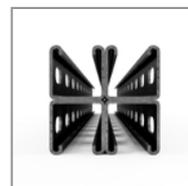
P1000TTT

PG
HG
SS

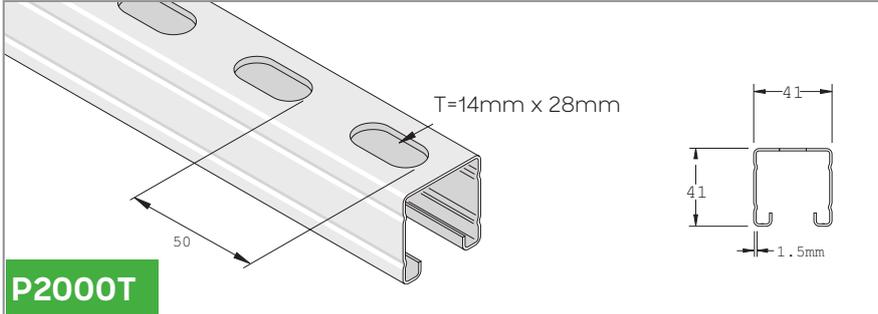
| L (mm) | F | | f = 1/200L | f = 1/360L | F ₍₄₀₎ |
|--------|-----------------------|-----------------------|------------|------------|-------------------|
| | F _{max} (kN) | f _{max} (mm) | | | |
| 250 | 15.266 | 0.27 | - | - | 15.426 |
| 500 | 7.632 | 1.05 | - | - | 15.237 |
| 750 | 5.088 | 2.35 | - | 4.738 | 14.510 |
| 1000 | 3.811 | 4.18 | - | 2.659 | 12.945 |
| 1250 | 3.048 | 6.54 | 3.071 | 1.707 | 11.286 |
| 1500 | 2.544 | 9.41 | 2.129 | 1.177 | 9.897 |
| 1750 | 2.181 | 12.81 | 1.560 | 0.863 | 8.769 |
| 2000 | 1.901 | 16.73 | 1.197 | 0.657 | 7.857 |
| 2250 | 1.696 | 21.18 | 0.942 | 0.520 | 7.092 |
| 2500 | 1.519 | 26.15 | 0.765 | 0.422 | 6.440 |
| 2750 | 1.379 | 31.64 | 0.628 | 0.343 | 5.881 |
| 3000 | 1.267 | 37.65 | 0.530 | 0.294 | 5.387 |

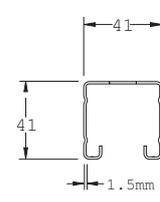
Triple T is also available in C41 & Back-to-Back on request.

Contact our team today for more information.



Unistrut P2000 & P4000





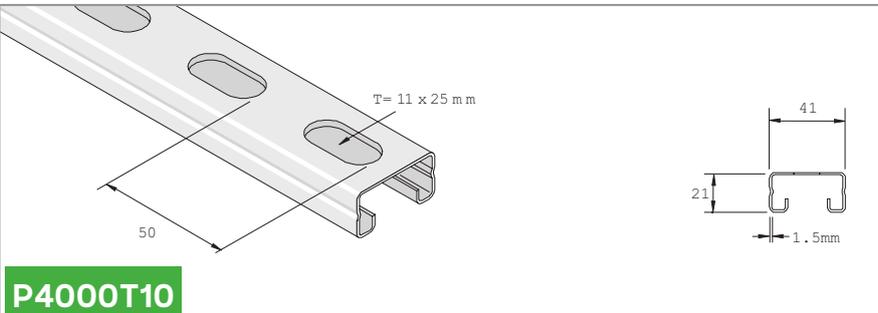
$A = 1.92 \text{ cm}^2$
 $\rho/m = 1.72 \text{ kg/m}$
 $I_{y-y} = 4.24 \text{ cm}^4$
 $I_{z-z} = 2.04 \text{ cm}^4$
 $r_{y-y} = 1.48 \text{ cm}$
 $r_{z-z} = 6.10 \text{ cm}$
 $Z_{z-z} = 2.95 \text{ cm}^3$
 $r_{z-z} = 1.78 \text{ cm}$

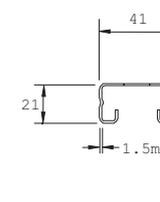
HG
PO
PG

Metal Framing

| L(mm) | F | | f=1/200L | f=1/360L | F _(eq) |
|-------|-----------------------|-----------------------|----------|----------|-------------------|
| | F _{max} (kN) | f _{max} (mm) | | | |
| 250 | 11.42 | 0.26 | - | - | 11.35 |
| 500 | 5.71 | 1.06 | - | - | 10.87 |
| 750 | 3.81 | 2.40 | - | 3.30 | 10.65 |
| 1000 | 2.85 | 4.27 | *- | 1.85 | 9.30 |
| 1250 | 2.28 | 6.68 | 2.13 | 1.18 | 7.79 |
| 1500 | 1.90 | 9.62 | 1.48 | 0.82 | 6.54 |
| 1750 | 1.63 | 13.10 | 1.09 | 0.60 | 5.55 |
| 2000 | 1.42 | 17.11 | 0.83 | 0.46 | 4.78 |
| 2250 | 1.27 | 21.65 | 0.66 | 0.36 | 4.17 |
| 2500 | 1.14 | 26.73 | 0.53 | 0.29 | 3.69 |
| 2750 | 1.03 | 32.35 | 0.43 | 0.24 | 3.30* |
| 3000 | 0.95 | 38.50 | 0.36 | 0.21 | 3.05* |

* K. L / r = >180 < 250





$A = 1.34 \text{ cm}^2$
 $\rho/m = 1.16 \text{ kg/m}$
 $I_{y-y} = 0.78 \text{ cm}^4$
 $I_{z-z} = 0.71 \text{ cm}^4$
 $r_{y-y} = 0.76 \text{ cm}$
 $r_{z-z} = 3.66 \text{ cm}$
 $Z_{z-z} = 1.77 \text{ cm}^3$
 $r_{z-z} = 1.65 \text{ cm}$

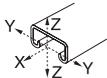
HG
PO
PG

| L(mm) | F | | f=1/200L | f=1/360L | F _(eq) |
|-------|-----------------------|-----------------------|----------|----------|-------------------|
| | F _{max} (kN) | f _{max} (mm) | | | |
| 250 | 3.976 | 0.51 | - | - | - |
| 500 | 1.988 | 2.02 | - | 1.364 | - |
| 750 | 1.325 | 4.55 | 1.092 | 0.606 | - |
| 1000 | 0.994 | 8.09 | 0.614 | 0.341 | - |
| 1250 | 0.795 | 12.65 | 0.393 | 0.218 | - |
| 1500 | 0.663 | 18.21 | 0.273 | - | - |
| 1750 | 0.568 | 24.79 | - | - | - |
| 2000 | 0.497 | 32.38 | - | - | - |

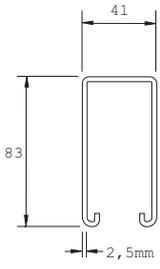
| Part No. | Length M | | | Finish | | |
|----------|----------|---|--|--------|----|----|
| | 3 | 6 | | PO | PG | HG |
| P2000T | • | • | | • | • | • |
| P4000T10 | • | • | | | • | |

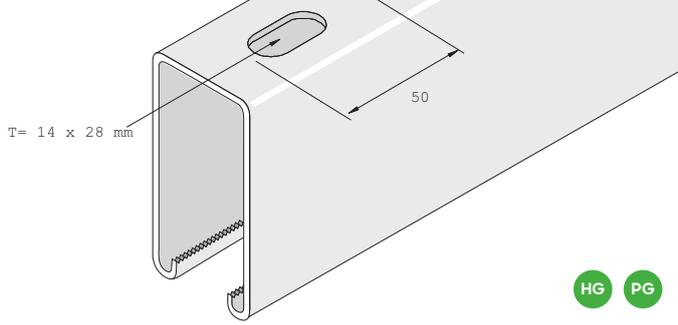
Stated loadings apply to mild steel products only.

Unistrut P5000



$A = 5.06 \text{ cm}^2$
 $\rho/m = 4.05 \text{ kg/m}$
 $I_{y-y} = 37.76 \text{ cm}^4$
 $Z_{y-y} = 9.01 \text{ cm}^3$
 $r_{y-y} = 2.72 \text{ cm}$
 $I_{z-z} = 16.95 \text{ cm}^4$
 $Z_{z-z} = 8.21 \text{ cm}^3$
 $r_{z-z} = 1.82 \text{ cm}$



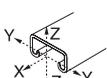


HG
PG

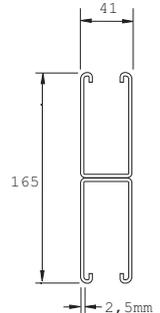
P5000T

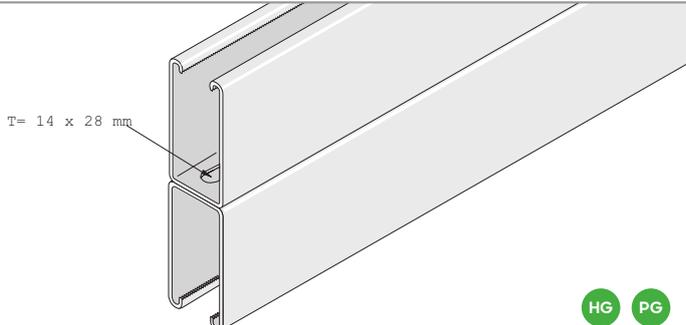
| L(mm) | F | | f=1/200L | f=1/360L | F ₍₉₀₎ |
|-------|-----------------------|-----------------------|----------|----------|-------------------|
| | F _{max} (kN) | f _{max} (mm) | | | |
| 250 | - | - | - | - | 19.620 |
| 500 | - | - | - | - | 19.355 |
| 750 | 12.596 | 0.89 | - | - | 16.422 |
| 1000 | 9.447 | 1.59 | - | - | 12.822 |
| 1250 | 7.554 | 2.48 | - | - | 10.124 |
| 1500 | 6.298 | 3.58 | - | - | 8.182 |
| 1750 | 5.396 | 4.86 | - | - | 6.769 |
| 2000 | 4.719 | 6.36 | - | 4.120 | 5.719 |
| 2250 | 4.199 | 8.05 | - | 3.257 | 4.934 |
| 2500 | 3.777 | 9.93 | - | 2.639 | 4.326 |
| 2750 | 3.434 | 12.02 | - | 2.178 | 3.846 |
| 3000 | 3.149 | 14.31 | - | 1.834 | 3.453 |

Unslotted version available on request.



$A = 10.12 \text{ cm}^2$
 $\rho/m = 8.11 \text{ kg/m}$
 $I_{y-y} = 243.16 \text{ cm}^4$
 $Z_{y-y} = 29.44 \text{ cm}^3$
 $r_{y-y} = 4.90 \text{ cm}$
 $I_{z-z} = 33.90 \text{ cm}^4$
 $Z_{z-z} = 16.42 \text{ cm}^3$
 $r_{z-z} = 1.83 \text{ cm}$





HG
PG

P5001T

| L(mm) | F | | f=1/200L | f=1/360L | F ₍₉₀₎ |
|-------|-----------------------|-----------------------|----------|----------|-------------------|
| | F _{max} (kN) | f _{max} (mm) | | | |
| 250 | - | - | - | - | 34.266 |
| 500 | - | - | - | - | 34.129 |
| 750 | - | - | - | - | 33.825 |
| 1000 | - | - | - | - | 33.432 |
| 1250 | 24.535 | 1.25 | - | - | 32.864 |
| 1500 | 20.444 | 1.80 | - | - | 32.010 |
| 1750 | 17.521 | 2.45 | - | - | 30.764 |
| 2000 | 15.333 | 3.20 | - | - | 29.165 |
| 2250 | 13.626 | 4.05 | - | - | 27.350 |
| 2500 | 12.263 | 5.00 | - | - | 25.467 |
| 2750 | 11.154 | 6.05 | - | - | 23.613 |
| 3000 | 10.222 | 7.21 | - | - | 21.847 |

HG
PG

Spot Welded



| Part No. | Length M | | Finish | |
|----------|----------|---|--------|----|
| P5000T | 3 | 6 | PG | HG |
| P5001T | • | • | • | • |

Stated loadings apply to mild steel products only.

Unistrut P5500

P5500T

T= 14 x 28 mm

41

62

2, 5mm

Y
X
Z

$A = 4.03 \text{ cm}^2$
 $\rho/m = 3.60 \text{ kg/m}$
 $I_{y-y} = 17.57 \text{ cm}^4$
 $I_{z-z} = 5.59 \text{ cm}^4$
 $r_{y-y} = 2.09 \text{ cm}$
 $r_{z-z} = 1.79 \text{ cm}$
 $Z_{y-y} = 6.33 \text{ cm}^3$
 $Z_{z-z} = 6.33 \text{ cm}^3$

HG PG

| L(mm) | F | | f=1/200L | f=1/360L | F ₉₀ |
|-------|-----------------------|-----------------------|----------|----------|-----------------|
| | F _{max} (kN) | f _{max} (mm) | | | |
| 250 | - | - | - | - | 20.277 |
| 500 | - | - | - | - | 20.081 |
| 750 | 9.928 | 150 | - | - | 18.443 |
| 1000 | 7.446 | 2.67 | - | - | 15.245 |
| 1250 | 5.955 | 4.18 | - | 4.944 | 12.557 |
| 1500 | 4.964 | 6.02 | - | 3.434 | 10.507 |
| 1750 | 4.248 | 8.19 | - | 2.521 | 8.966 |
| 2000 | 3.718 | 10.70 | 3.473 | 1.923 | 7.789 |
| 2250 | 3.306 | 13.55 | 2.747 | 1.521 | 6.867 |
| 2500 | 2.972 | 16.73 | 2.217 | 1.236 | 6.141 |
| 2750 | 2.708 | 20.24 | 1.834 | 1.020 | 5.543 |
| 3000 | 2.482 | 24.09 | 1.540 | 0.853 | 5.042 |

P5501T

T= 14 x 28 mm

41

124

2, 5mm

Y
X
Z

$A = 8.06 \text{ cm}^2$
 $\rho/m = 7.21 \text{ kg/m}$
 $I_{y-y} = 109.74 \text{ cm}^4$
 $I_{z-z} = 17.70 \text{ cm}^4$
 $r_{y-y} = 3.69 \text{ cm}$
 $r_{z-z} = 1.80 \text{ cm}$
 $Z_{y-y} = 12.66 \text{ cm}^3$
 $Z_{z-z} = 12.66 \text{ cm}^3$

HG PG

HG PG Spot Welded

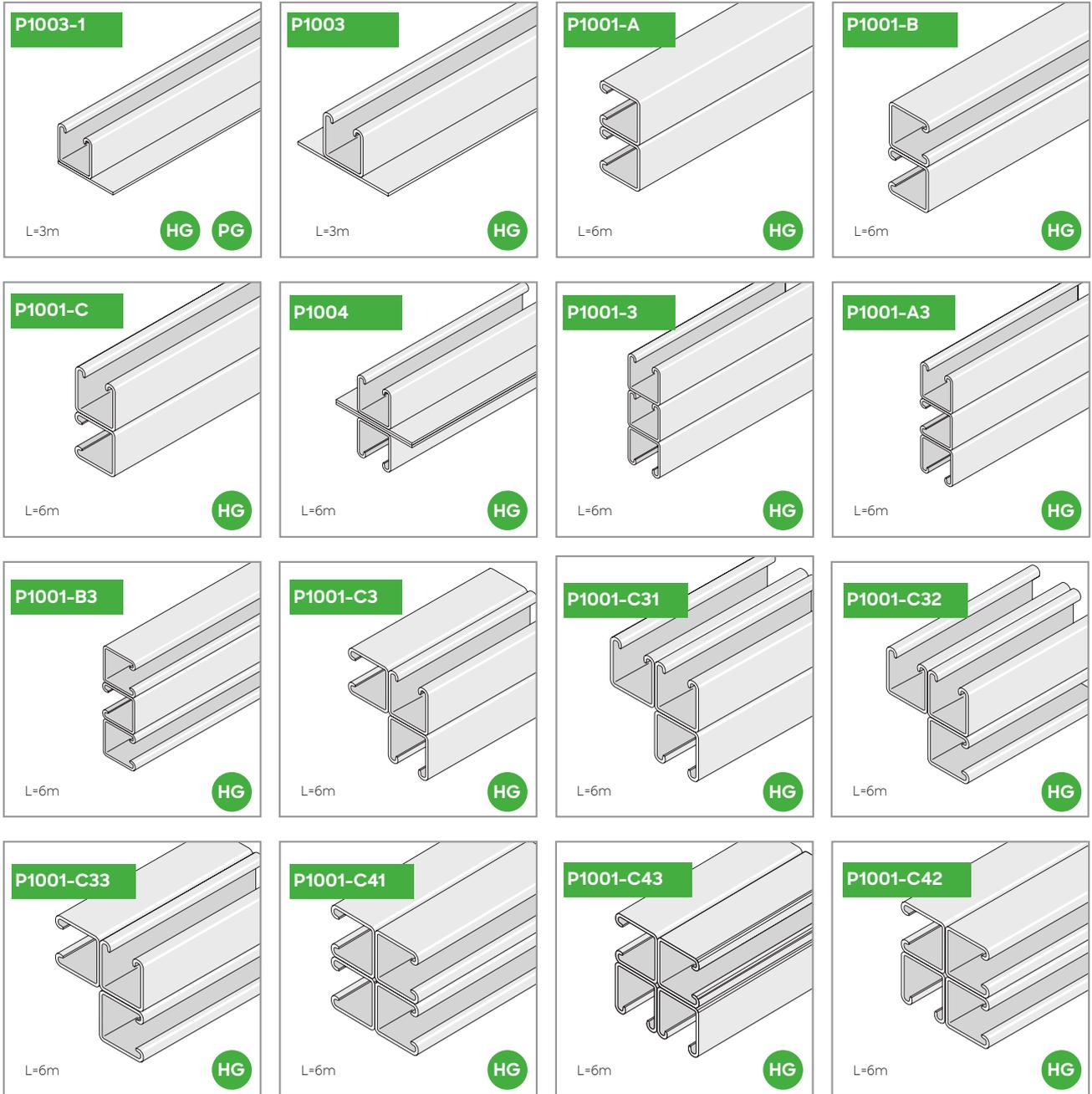
| L(mm) | F | | f=1/200L | f=1/360L | F ₉₀ |
|-------|-----------------------|-----------------------|----------|----------|-----------------|
| | F _{max} (kN) | f _{max} (mm) | | | |
| 250 | - | - | - | - | 34.747 |
| 500 | - | - | - | - | 34.590 |
| 750 | - | - | - | - | 34.257 |
| 1000 | - | - | - | - | 33.766 |
| 1250 | - | - | - | - | 32.971 |
| 1500 | 15.745 | 3.07 | - | - | 31.677 |
| 1750 | 13.499 | 4.18 | - | - | 29.822 |
| 2000 | 11.811 | 5.47 | - | - | 27.674 |
| 2250 | 10.497 | 6.92 | - | 9.476 | 25.457 |
| 2500 | 9.477 | 8.54 | - | 7.671 | 23.299 |
| 2750 | 8.584 | 10.34 | - | 6.337 | 21.288 |
| 3000 | 7.868 | 12.30 | - | 5.327 | 19.443 |

| Part No. | Length M | | Finish | |
|----------|----------|---|--------|----|
| | 3 | 6 | PG | HG |
| P5500T | • | • | • | • |
| P5501T | | • | • | • |

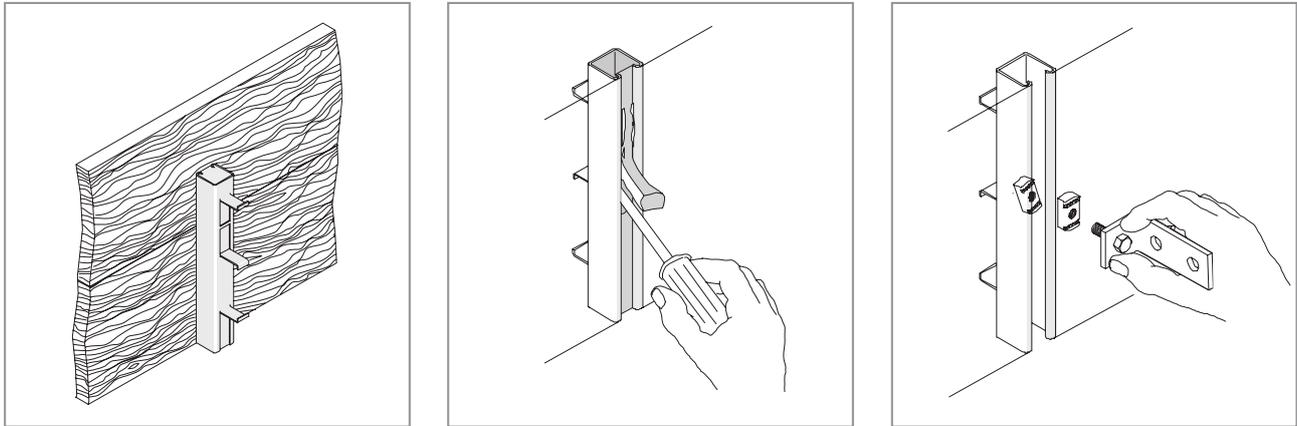
Stated loadings apply to mild steel products only.

Unistrut P1000 Special Channels

P1000 Special Channels require a minimum order quantity



Concrete Inserts



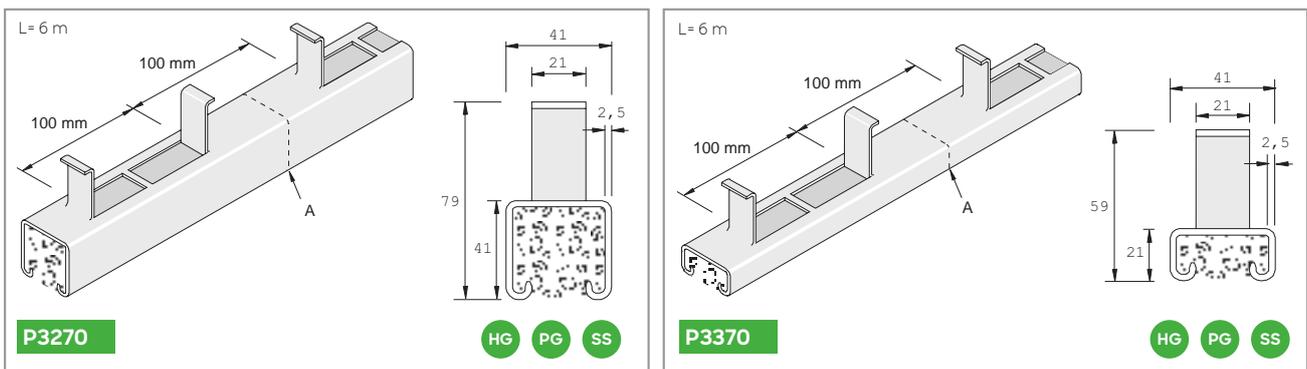
Concrete Inserts

Atkore Unistrut concrete inserts are manufactured from standard Unistrut channel and may be installed in floors, walls, or ceilings for the support of all types of piping, conduit, cable support, and other industrial equipment.

Channel nuts can be positioned anywhere along the length of the channel, providing a means of attaching fittings or rods where required.

Atkore Unistrut inserts are available pre-filled with an easily removable foam to prevent the ingress of grout and cement.

Concrete inserts can be supplied in Pre Galvanised, Hot-Dip Galvanised and Stainless Steel finishes.



P3270 inserts are designed to accommodate M6, M8, M10, M12 & M16 fixings. Cutting positions are located between lugs as indicated (A) in increments of 200mm.

The recommended loading in average strength concrete* with a safety factor of 3, is:

| Part No. | Pullout | Length |
|----------|---------|--------|
| P3270 | 8.8kN | 300mm |

*B = 25 N/mm²

Stated loadings apply to mild steel products only.

P3370 inserts are designed to accommodate M6, M8, M10 & M12 fixings. Cutting positions are located between lugs as indicated (A) in increments of 200mm.

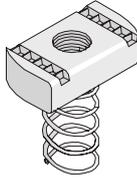
The recommended loading in average strength concrete* with a safety factor of 3, is:

| Part No. | Pullout | Length |
|----------|---------|--------|
| P3370 | 6.7kN | 300mm |

*B = 25 N/mm²

Unistrut Channel Nuts

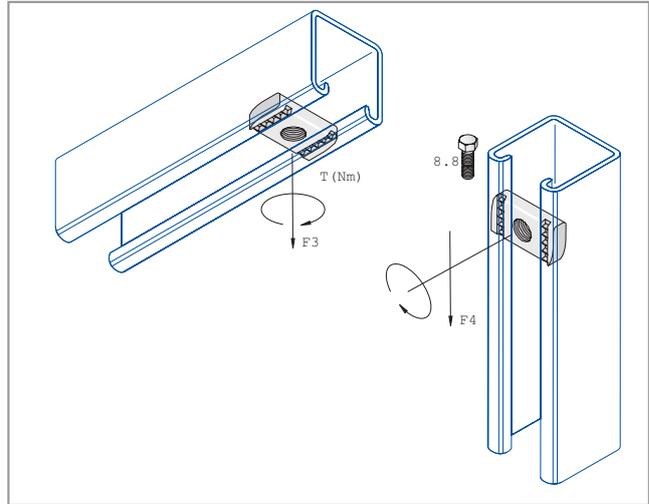
Suitable for P1000, P2000 & P3270



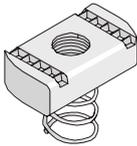
PNL06-PNL12A

HG SS ZP

| Part No. | Finish | | | Thread Size | w /100 | |
|----------|--------|----|----|-------------|--------|-----|
| | ZP | HG | SS | | | |
| PNL06 | - | - | - | M6 | 3.26 | 100 |
| PNL08 | - | - | - | M8 | 3.53 | 100 |
| PNL10 | - | - | - | M10 | 3.95 | 100 |
| PNL12 | - | - | - | M12 | 4.78 | 100 |
| PNL12A | - | - | - | M12 | 3.43 | 100 |



Suitable for P3300, P4000 & P3370



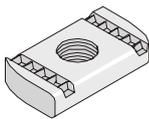
PNS06-PNS12A

HG SS ZP

| Part No. | Finish | | | Thread Size | w /100 | |
|----------|--------|----|----|-------------|--------|-----|
| | ZP | HG | SS | | | |
| PNS06 | - | - | - | M6 | 3.1 | 100 |
| PNS08 | - | - | - | M8 | 3.5 | 100 |
| PNS10 | - | - | - | M10 | 3.9 | 100 |
| PNS12A | - | - | - | M12 | 3.6 | 100 |

| | Part No. ZP | T (Nm) | F3 kN |
|----|----------------|-----------|----------|
| 41 | P1000 PNP06 | 12 | 4.20 |
| | PNP08 | 28 | 4.70 |
| | PNP10 | 55 | 6.00 |
| | PNP12 | 70 | 8.00 |
| 21 | P3300 PNS06 | 12 | 4.20 |
| | PNS08 | 28 | 4.70 |
| | PNS10 | 55 | 6.00 |
| 41 | P4000 PNL06 | 12 | 4.20 |
| | PNL08 | 28 | 4.70 |
| | PNL10 | 40 | 6.00 |
| | PNL12A | 60 | 8.00 |

Suitable for P1000, P2000, P3300, P4000, P5000, P5500, P3270 & P3370



PNP06-PNP12A

HG SS ZP

| Part No. | Finish | | | Thread Size | w /100 | |
|----------|--------|----|----|-------------|--------|-----|
| | ZP | HG | SS | | | |
| PNP06 | - | - | - | M6 | 3.10 | 100 |
| PNP08 | - | - | - | M8 | 3.40 | 100 |
| PNP10 | - | - | - | M10 | 3.80 | 100 |
| PNP12* | - | - | - | M12 | 4.68 | 100 |
| PNP12A | - | - | - | M12 | 3.43 | 100 |

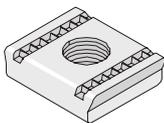
| | Part No. SS | T (Nm) | F3 kN |
|----|----------------|-----------|----------|
| 41 | P1000 PNP06 | 6.5 | 2.20 |
| | PNP08 | 16 | 3.97 |
| | PNP10 | 31.5 | 6.00 |
| 21 | P3300 PNP06 | 6.5 | 2.45 |
| | PNP08 | 16 | 4.41 |
| | PNP10 | 31.5 | 6.86 |
| | PNP12A | 55 | 6.86 |

Contact our technical team today for further information.

Please note: Channel Nuts can also be used with Unistrut's Slotted Channel.

* PNP12 is not suitable for Unistrut channels P3300, P4000 & P3370

Suitable for P1000, P5000, P5500 & P3270



PNP16

ZP

| Part No. | Finish ZP | Thread Size | w /100 | |
|----------|--------------|-------------|--------|-----|
| PNP16* | - | M16 | 8.00 | 100 |

Unistrut Stud Nuts

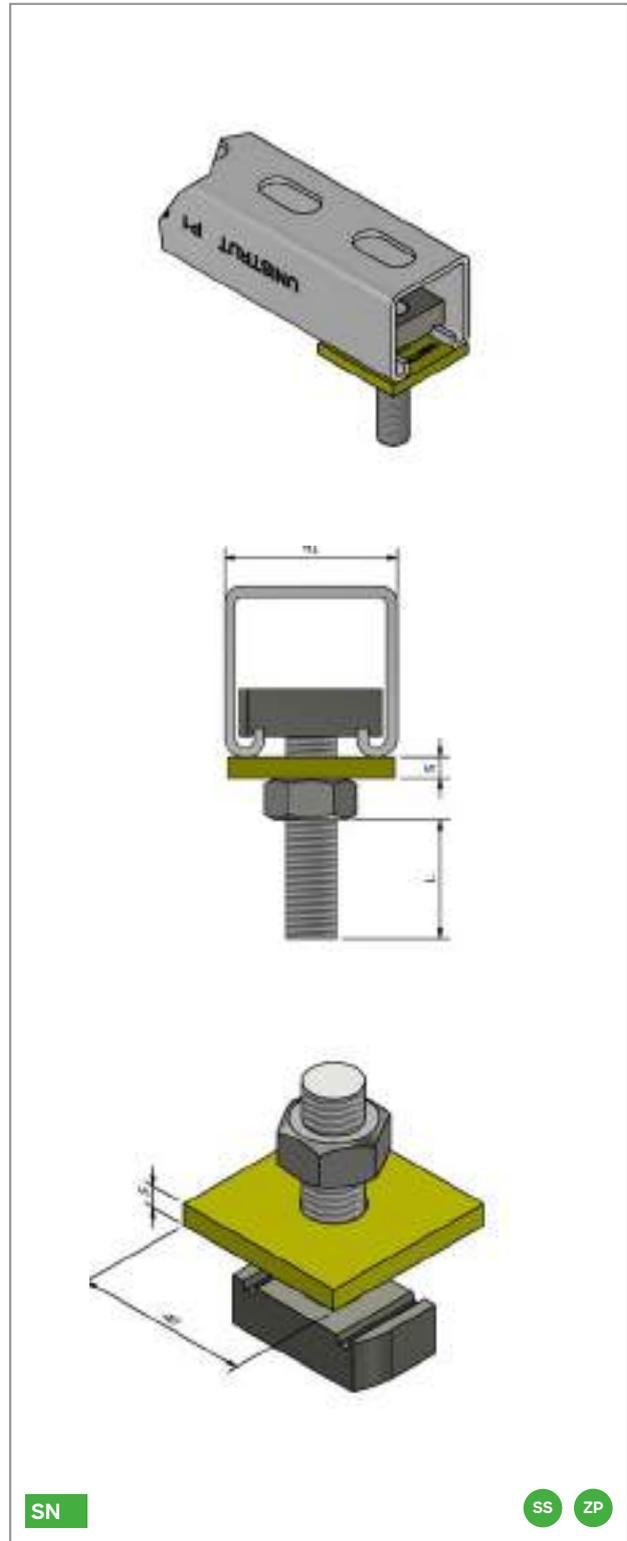
| Part No. | Finish | L | |
|----------|--------|--------|-----|
| M6X30SN | ZP | 18.5mm | 100 |

| Part No. | Finish | | L | |
|----------|--------|----|--------|-----|
| | ZP | SS | | |
| M8X30SN | . | | 15.5mm | 100 |
| M8X40SN | . | . | 25.5mm | 100 |
| M8X50SN | . | | 35.5mm | 100 |
| M8X60SN | . | | 45.5mm | 100 |
| M8X75SN | . | | 60.5mm | 100 |
| M8X100SN | . | | 85.5mm | 100 |

| Part No. | Finish | | L | |
|-----------|--------|----|------|-----|
| | ZP | SS | | |
| M10X30SN | . | | 13mm | 100 |
| M10X40SN | . | . | 23mm | 100 |
| M10X50SN | . | | 33mm | 100 |
| M10X60SN | . | | 43mm | 100 |
| M10X75SN | . | | 68mm | 100 |
| M10X100SN | . | | 83mm | 100 |

| Part No. | Finish | | L | |
|-----------|--------|----|------|-----|
| | ZP | SS | | |
| M12X30SN | . | | 11mm | 100 |
| M12X40SN | . | . | 21mm | 100 |
| M12X50SN | . | | 31mm | 100 |
| M12X60SN | . | | 41mm | 100 |
| M12X75SN | . | | 56mm | 100 |
| M12X100SN | . | | 81mm | 100 |

| Part No. | Finish | L | |
|------------|--------|------|-----|
| | ZP | | |
| M16X63SN* | . | 40mm | 100 |
| M16X102SN* | . | 79mm | 100 |



* Hot forged

Unistrut Flat Fittings

P1019 / P1020 HG SS

| Part No. | Finish | | (mm) | Ø | W | L |
|----------|--------|----|------|---------|------|-----|
| | HG | SS | | | | |
| P1019 | - | - | 9 | M6/M8 | 0.06 | 100 |
| P1020 | - | - | 13 | M10/M12 | 0.06 | 100 |

P1063/06 - P1063/12 HG SS

| Part No. | Finish | | (mm) | Ø | W | L |
|----------|--------|----|------|-----|------|-----|
| | PG | SS | | | | |
| P1063/06 | - | - | 8 | M6 | 0.02 | 200 |
| P1063/08 | - | - | 10 | M8 | 0.02 | 200 |
| P1063/10 | - | - | 12 | M10 | 0.02 | 200 |
| P1063/12 | - | - | 14 | M12 | 0.02 | 200 |

P1065 HG SS

| Part No. | Finish | | (mm) | W | L |
|----------|--------|----|------|------|----|
| | HG | SS | | | |
| P1065 | - | - | 8 | 0.17 | 20 |

P1066 HG SS

| Part No. | Finish | | (mm) | W | L |
|----------|--------|----|------|------|----|
| | HG | SS | | | |
| P1066 | - | - | - | 0.25 | 20 |

*Not Structural Coupler

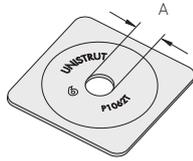
P1067 HG SS

| Part No. | Finish | | W | L |
|----------|--------|----|------|----|
| | HG | SS | | |
| P1067 | - | - | 0.35 | 20 |

P1941 HG SS

| Part No. | Finish | | W | L |
|----------|--------|----|------|----|
| | HG | SS | | |
| P1941 | - | - | 0.43 | 20 |

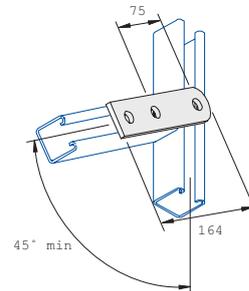
Unistrut Flat Fittings



P1062T/P1064T

PG

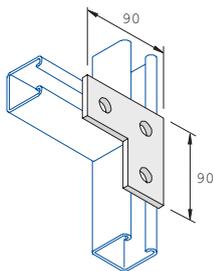
| Part No. | Finish | (mm) | | w /100 | |
|----------|--------|------|-----|--------|-----|
| P1062T | PG | 8 | M6 | 3.0 | 100 |
| P1062AT | . | 10 | M8 | 3.0 | 100 |
| P1063T | . | 12 | M10 | 3.0 | 100 |
| P1064T | . | 14 | M12 | 3.0 | 100 |



P2322

HG

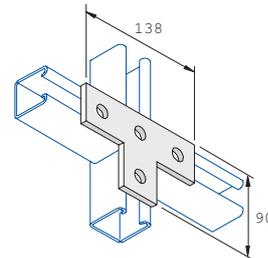
| Part No. | Finish | w | |
|----------|--------|------|----|
| P2322 | HG | 0.34 | 25 |



P1036

HG SS

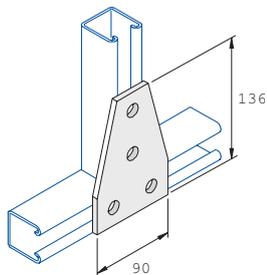
| Part No. | Finish | w | |
|----------|--------|------|----|
| P1036 | HG SS | 0.26 | 25 |



P1031

HG SS

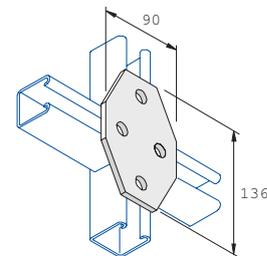
| Part No. | Finish | w | |
|----------|--------|------|----|
| P1031 | HG SS | 0.36 | 25 |



P1358

HG SS

| Part No. | Finish | w | |
|----------|--------|------|----|
| P1358 | HG SS | 0.48 | 10 |

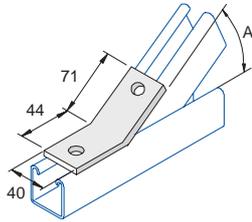


P1580

HG SS

| Part No. | Finish | w | |
|----------|--------|------|----|
| P1580 | HG SS | 0.37 | 10 |

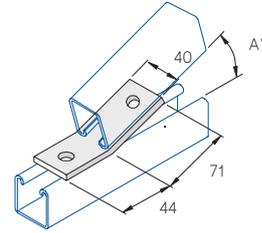
Unistrut Angle Fittings



P1546, P2095 & P2097

HG SS

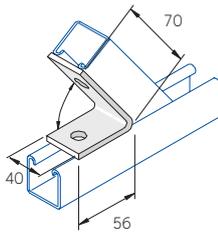
| Part No. | Finish | | A° | W | Icon |
|----------|--------|----|-----|------|------|
| | HG | SS | | | |
| P1546 | . | . | 45° | 0.26 | 10 |
| P2097 | . | . | 60° | 0.26 | 10 |
| P2095 | . | . | 75° | 0.26 | 10 |



P2101 - P2103

HG

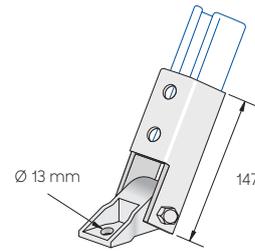
| Part No. | Finish | A° | W | Icon |
|----------|--------|-----|------|------|
| | | | | |
| P2101 | . | 30° | 0.26 | 10 |
| P2103 | . | 15° | 0.26 | 10 |



P1186, P2106 & P2108

HG SS

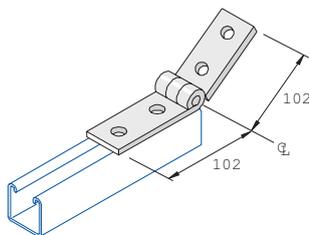
| Part No. | Finish | | A° | W | Icon |
|----------|--------|----|-----|------|------|
| | HG | SS | | | |
| P1186 | . | . | 45° | 0.26 | 20 |
| P2106 | . | . | 75° | 0.26 | 10 |
| P2108 | . | . | 60° | 0.26 | 20 |



P2815S

ZP

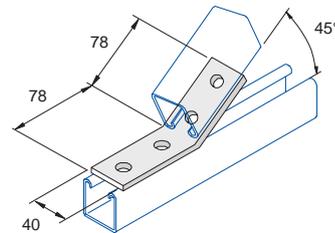
| Part No. | Finish | W | Icon |
|----------|--------|-----|------|
| P2815S | ZP | 153 | 10 |



P1354

ZP

| Part No. | Finish | W | Icon |
|----------|--------|------|------|
| P1354 | ZP | 0.55 | 20 |

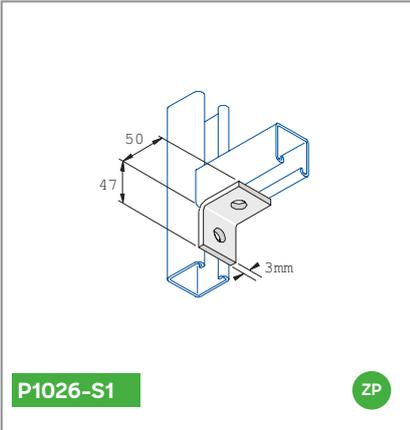


P1074

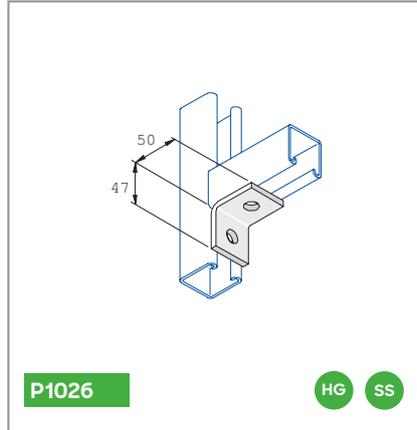
HG SS

| Part No. | Finish | | W | Icon |
|----------|--------|----|------|------|
| | HG | SS | | |
| P1074 | . | . | 0.35 | 20 |

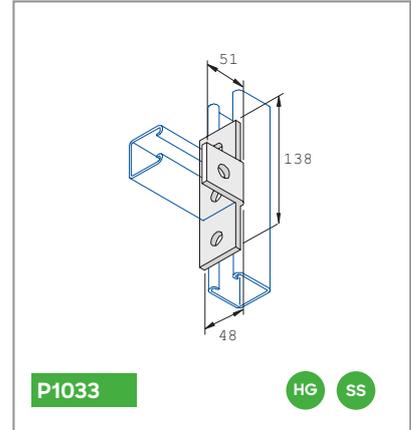
Unistrut Angle Fittings



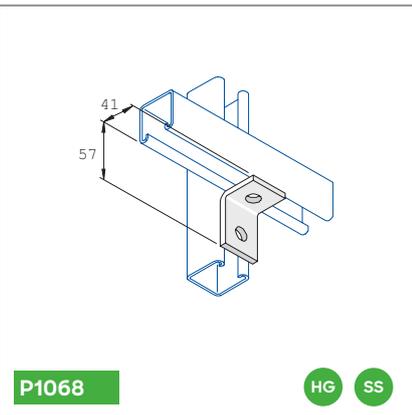
| Part No. | Finish | W | U |
|----------|--------|------|-----|
| P1026-S1 | ZP | 0.07 | 100 |



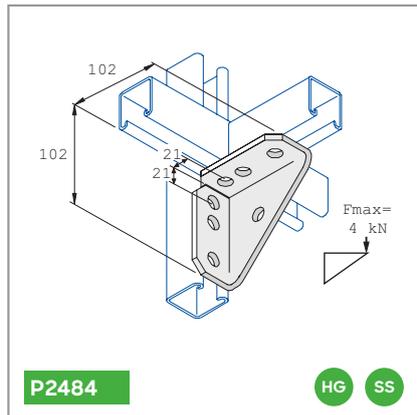
| Part No. | Finish | W | U |
|----------|--------|------|-----|
| P1026 | HG SS | 0.17 | 100 |



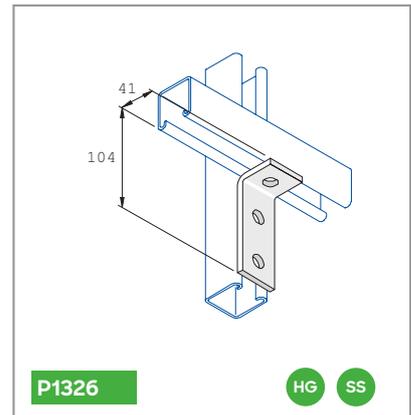
| Part No. | Finish | W | U |
|----------|--------|------|----|
| P1033 | HG SS | 0.36 | 25 |



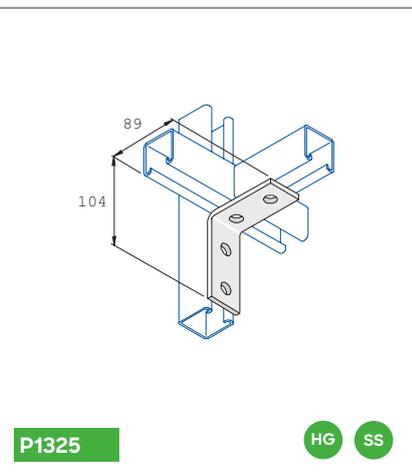
| Part No. | Finish | W | U |
|----------|--------|------|----|
| P1068 | HG SS | 0.17 | 25 |



| Part No. | Finish | W | U |
|----------|--------|------|----|
| P2484 | HG SS | 0.61 | 10 |



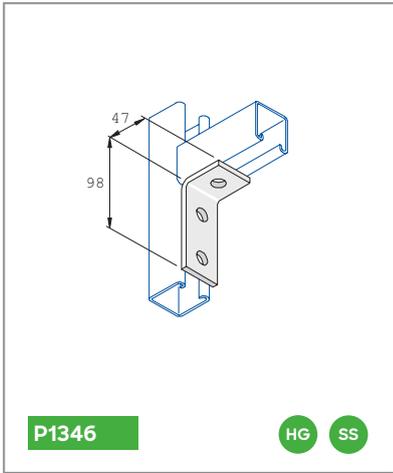
| Part No. | Finish | W | U |
|----------|--------|------|----|
| P1326 | HG SS | 0.26 | 25 |



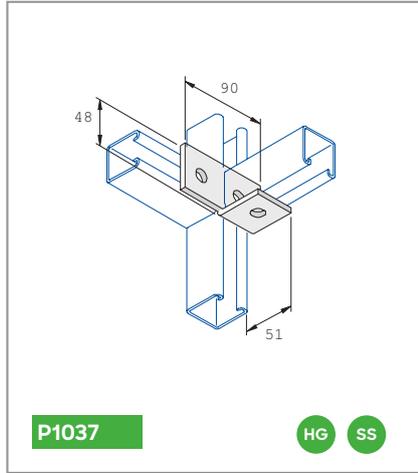
| Part No. | Finish | W | U |
|----------|--------|------|----|
| P1325 | HG SS | 0.35 | 25 |

Stated loadings apply to mild steel products only.

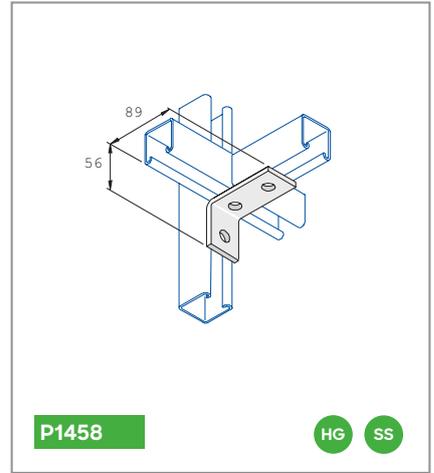
90° Angle Fittings



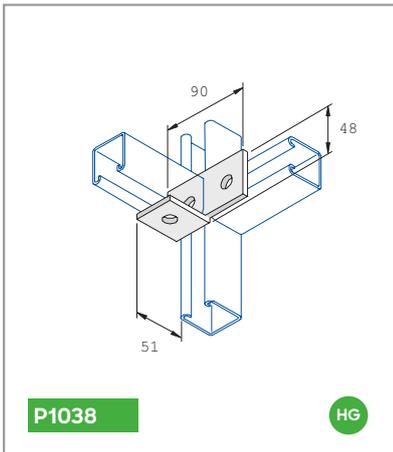
| Part No. | Finish | | W | L |
|----------|--------|----|------|----|
| | HG | SS | | |
| P1346 | - | - | 0.26 | 20 |



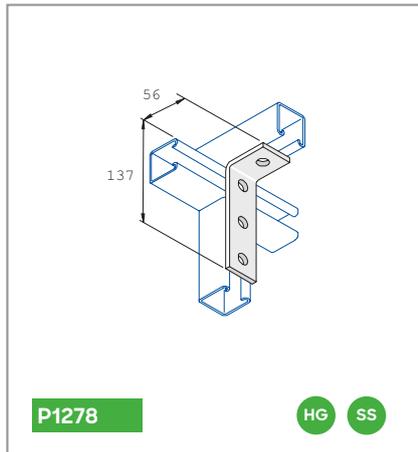
| Part No. | Finish | | W | L |
|----------|--------|----|------|----|
| | HG | SS | | |
| P1037 | - | - | 0.26 | 10 |



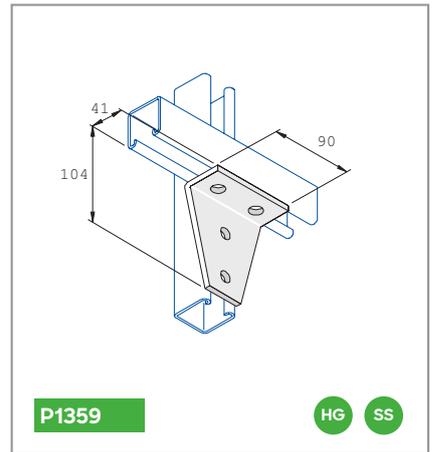
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| | HG | SS | | |
| P1458 | - | - | 0.26 | 10 |



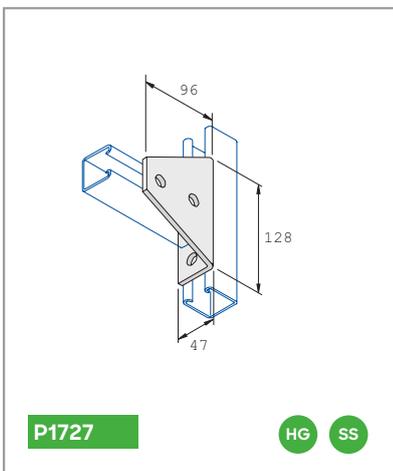
| Part No. | Finish | | W | L |
|----------|--------|----|------|----|
| | HG | SS | | |
| P1038 | - | - | 0.26 | 10 |



| Part No. | Finish | | W | L |
|----------|--------|----|------|----|
| | HG | SS | | |
| P1278 | - | - | 0.26 | 20 |



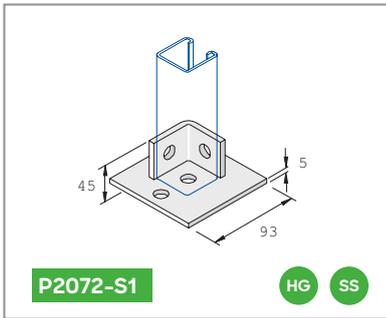
| Part No. | Finish | | W | L |
|----------|--------|----|------|----|
| | HG | SS | | |
| P1359 | - | - | 0.48 | 10 |



| Part No. | Finish | | W | L |
|----------|--------|----|------|----|
| | HG | SS | | |
| P1727 | - | - | 0.70 | 10 |

Stated loadings apply to mild steel products only.

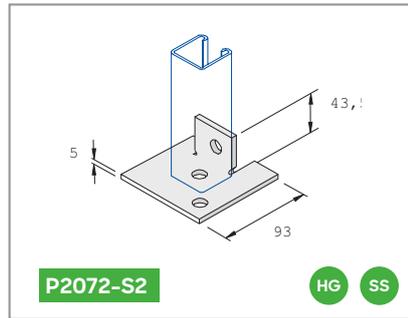
Base Fittings & Wing Fittings



P2072-S1

HG SS

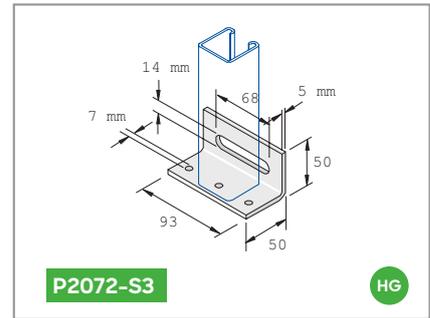
| Part No. | Finish | | W | I |
|----------|--------|----|------|----|
| | HG | SS | | |
| P2072-S1 | - | - | 0.48 | 10 |



P2072-S2

HG SS

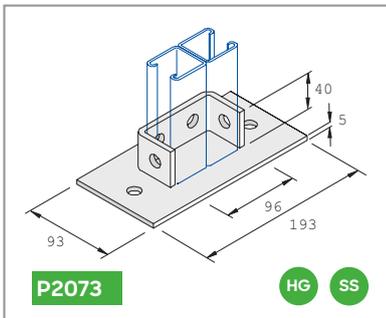
| Part No. | Finish | | W | I |
|----------|--------|----|------|----|
| | HG | SS | | |
| P2072-S2 | - | - | 0.33 | 10 |



P2072-S3

HG

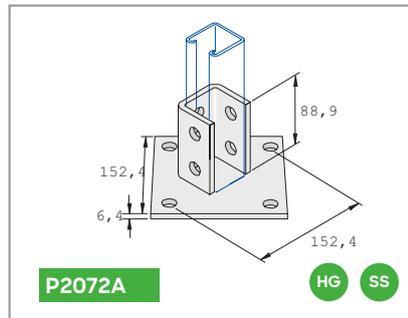
| Part No. | Finish | | W | I |
|----------|--------|----|------|----|
| | HG | SS | | |
| P2072-S3 | - | - | 0.30 | 10 |



P2073

HG SS

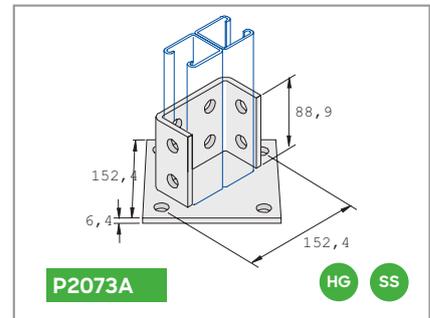
| Part No. | Finish | | W | I |
|----------|--------|----|------|----|
| | HG | SS | | |
| P2073 | - | - | 0.98 | 10 |



P2072A

HG SS

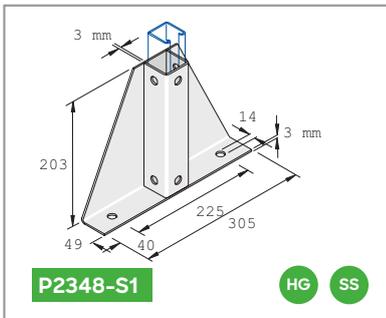
| Part No. | Finish | | W | I |
|----------|--------|----|------|----|
| | HG | SS | | |
| P2072A | - | - | 1.70 | 10 |



P2073A

HG SS

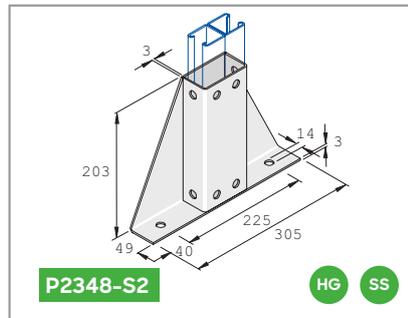
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|----------|--------|----|------|----|
| | HG | SS | | |
| P2073A | - | - | 1.80 | 10 |



P2348-S1

HG SS

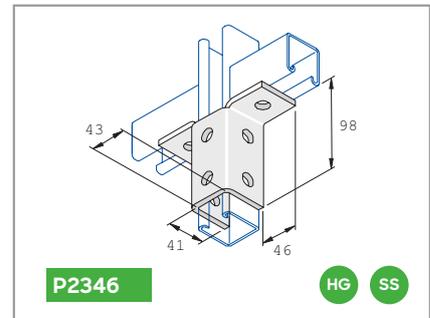
| Part No. | Finish | | W | I |
|----------|--------|----|------|---|
| | HG | SS | | |
| P2348-S1 | - | - | 1.95 | 1 |



P2348-S2

HG SS

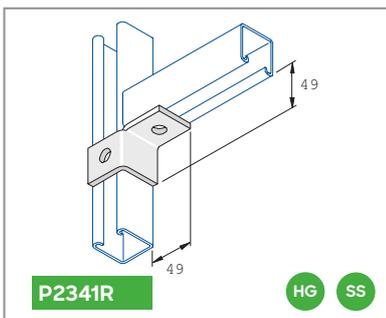
| Part No. | Finish | | W | I |
|----------|--------|----|------|---|
| | HG | SS | | |
| P2348-S2 | - | - | 2.15 | 1 |



P2346

HG SS

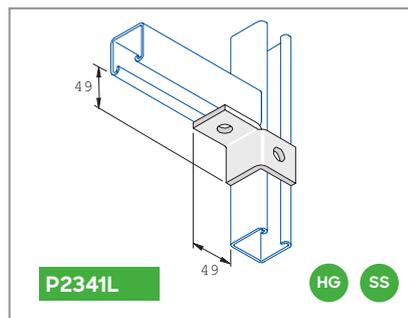
| Part No. | Finish | | W | I |
|----------|--------|----|------|----|
| | HG | SS | | |
| P2346 | - | - | 0.68 | 10 |



P2341R

HG SS

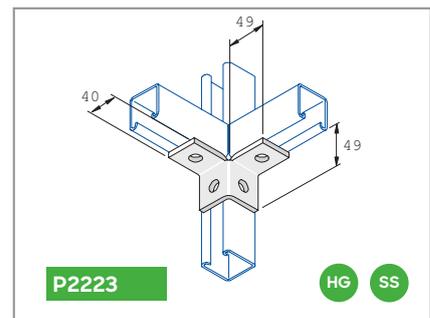
| Part No. | Finish | | W | I |
|----------|--------|----|------|----|
| | HG | SS | | |
| P2341R | - | - | 0.21 | 25 |



P2341L

HG SS

| Part No. | Finish | | W | I |
|----------|--------|----|------|----|
| | HG | SS | | |
| P2341L | - | - | 0.21 | 25 |

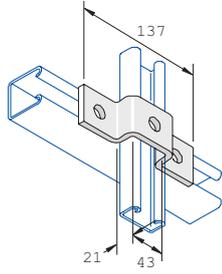


P2223

HG SS

| Part No. | Finish | | W | I |
|----------|--------|----|------|----|
| | HG | SS | | |
| P2223 | - | - | 0.35 | 25 |

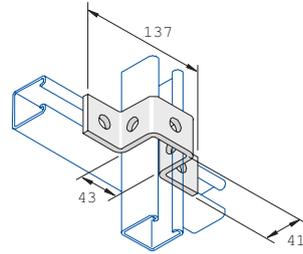
U & Z Fittings



P4047

HG SS

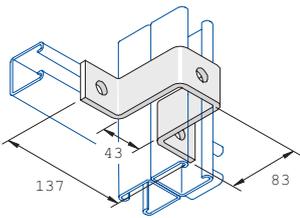
| Part No. | Finish | | W | |
|----------|--------|----|------|----|
| | HG | SS | | |
| P4047 | . | . | 0.32 | 10 |



P1047

HG SS

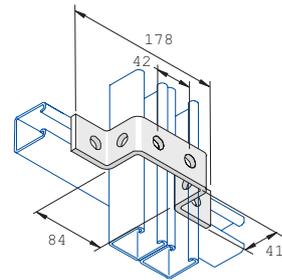
| Part No. | Finish | | W | |
|----------|--------|----|------|----|
| | HG | SS | | |
| P1047 | . | . | 0.40 | 10 |



P1737

HG SS

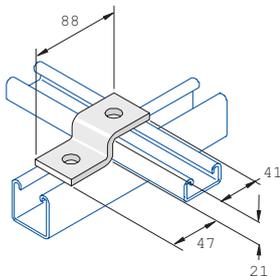
| Part No. | Finish | | W | |
|----------|--------|----|------|----|
| | HG | SS | | |
| P1737 | . | . | 0.58 | 10 |



P1043

HG SS

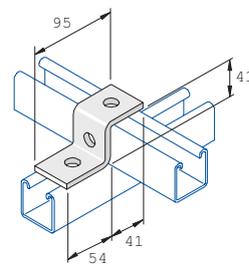
| Part No. | Finish | | W | |
|----------|--------|----|------|----|
| | HG | SS | | |
| P1043 | . | . | 0.48 | 20 |



P4045

HG SS

| Part No. | Finish | | W | |
|----------|--------|----|------|----|
| | HG | SS | | |
| P4045 | . | . | 0.21 | 20 |

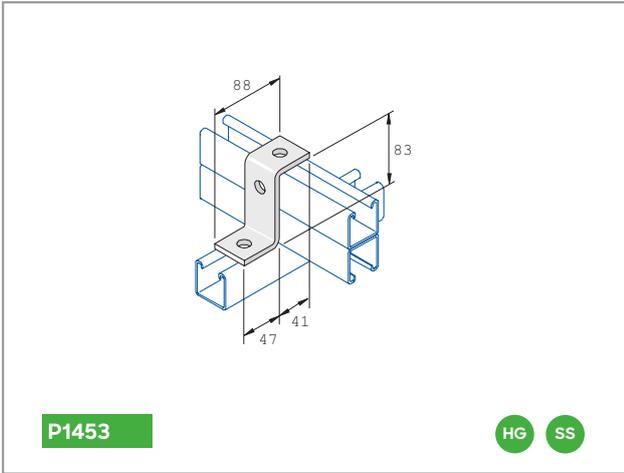


P1045

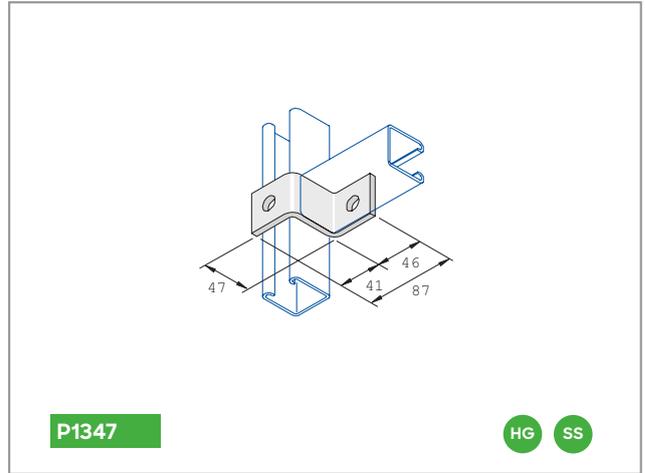
HG SS

| Part No. | Finish | | W | |
|----------|--------|----|------|----|
| | HG | SS | | |
| P1045 | . | . | 0.25 | 20 |

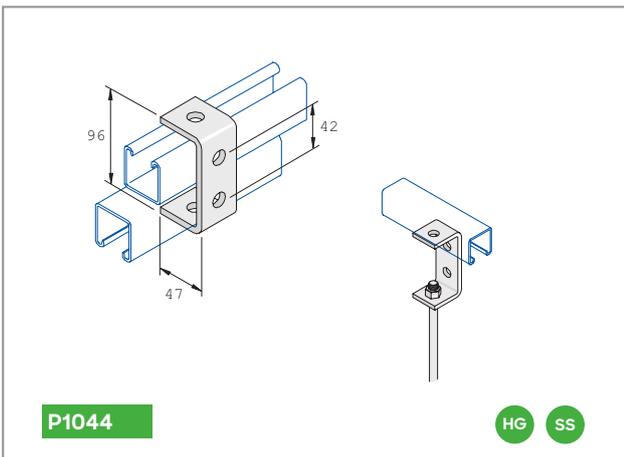
U & Z Fittings & Channel Couplers



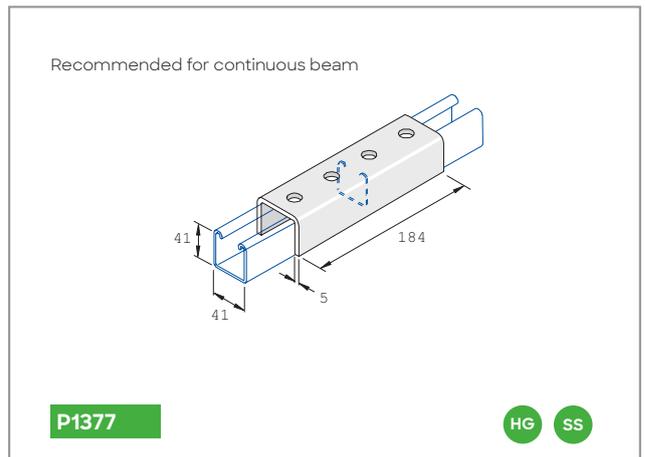
| Part No. | HG | Finish | SS | W | |
|----------|----|--------|----|------|----|
| P1453 | . | . | . | 0.32 | 25 |



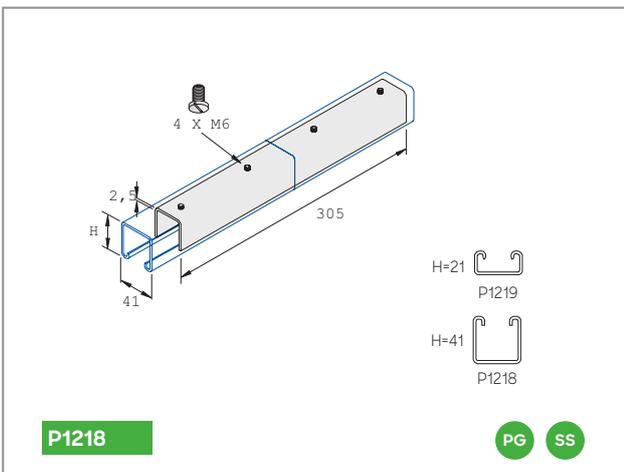
| Part No. | HG | Finish | SS | W | |
|----------|----|--------|----|------|----|
| P1347 | . | . | . | 0.25 | 25 |



| Part No. | HG | Finish | SS | W | |
|----------|----|--------|----|------|----|
| P1044 | . | . | . | 0.32 | 25 |



| Part No. | HG | Finish | SS | W | |
|----------|----|--------|----|------|----|
| P1377 | . | . | . | 1.20 | 10 |



| Part No. | PG | Finish | SS | W | |
|----------|----|--------|----|------|----|
| P1218 | . | . | . | 0.56 | 10 |

Beam Clamps

* Used in pair

Loadings are per beam clamp and used in pairs.
Mild steel u bolts are zinc plated.

P2785 - P2787 HG SS

| Part No. | Finish | | H (mm) | Hu (mm) | W | P |
|----------|--------|----|---------|---------|------|----|
| | HG | SS | | | | |
| P2785 | . | . | 21-41 | 86 | 0.31 | 20 |
| P2786 | . | . | 62-83 | 127 | 0.35 | 20 |
| P2787 | . | . | 124-164 | 209 | 0.43 | 20 |

Apply load in one direction only.
Mild steel cone pointed screws are zinc plated.

P3087 HG SS

| Part No. | Finish | | W | P |
|----------|--------|----|------|----|
| | HG | SS | | |
| P3087 | . | . | 0.67 | 10 |



P1983 HG SS

| Part No. | Finish | | W | P |
|----------|--------|----|------|----|
| | HG | SS | | |
| P1983 | . | . | 0.39 | 10 |

P1386-S1 ZP

| Part No. | Finish | W | P |
|----------|--------|---|----|
| | | | |
| P1386-S1 | . | | 20 |

* Used in pair

P1000: 1900
P2000: 1900

P1386 HG SS

| Part No. | Finish | | W | P |
|----------|--------|----|-------|----|
| | HG | SS | | |
| P1386 | . | . | 0.042 | 20 |

Stated loadings apply to mild steel products only.

Beam Clamps

* Used in pair

T = 12 Nm
M12 x 40

22 mm max.

10

36

P1000: 3000
P2000: 1250

P2489 **HG**

| Part No. | Finish | | |
|----------|--------|--|--|
| P2489 | HG | | |

* Used in pair

T = 15 Nm
M10 x 40

22 mm max.

45

70

90

5

1450 N

P1796-A **HG** **SS**

| Part No. | Finish | | |
|----------|--------|----|------|
| P1796-A | HG | SS | 0.39 |

* Used in pair

T = 15 Nm
M10 x 40

22 mm max.

45

90

90

5

1450 N

P1796 **HG** **SS**

| Part No. | Finish | | |
|----------|--------|----|------|
| P1796 | HG | SS | 0.39 |

* Used in pair

T = 15 Nm
M10 x 40

22 mm max.

45

90

131

5

1450 N

P1796-B **HG** **SS**

| Part No. | Finish | | |
|----------|--------|----|------|
| P1796-B | HG | SS | 0.50 |

T = 20 Nm
M12 x 40

22 mm max.

10

63 int.

50

P1000: 2250

P1271 **HG** **SS**

| Part No. | Finish | | |
|----------|--------|----|-------|
| P1271 | HG | SS | 0.043 |

T = 10 Nm
M10 x 40

22 mm max.

5

50

25

30

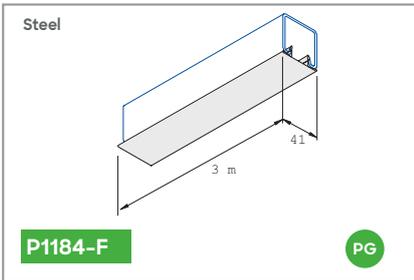
1300 N

P1272 **HG** **SS**

| Part No. | Finish | | |
|----------|--------|----|------|
| P1272 | HG | SS | 0.13 |

Stated loadings apply to mild steel products only.

Channel Fittings



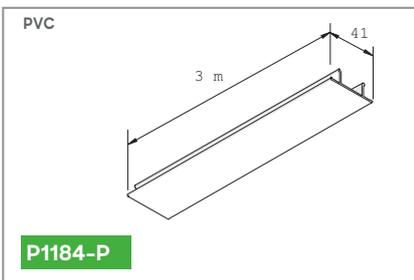
| Part No. | W | PG |
|----------|------|----|
| P1184-F | 1,07 | 1 |



| Part No. | Part No. | Part No. | PG | W | PG |
|-----------|-----------|-----------|-------|------|-----|
| Blue | White | Black | 41x21 | /100 | 100 |
| 139 21 98 | 139 21 96 | 139 21 97 | | | |

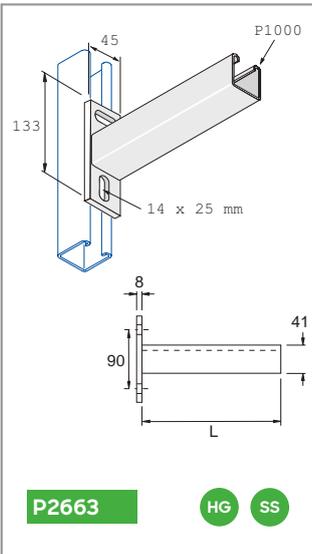


| Part No. | Part No. | Part No. | PG | W | PG |
|-----------|-----------|-----------|-------|------|-----|
| Blue | White | Black | 41x41 | /100 | 100 |
| 139 41 98 | 139 41 96 | 139 41 97 | | | |

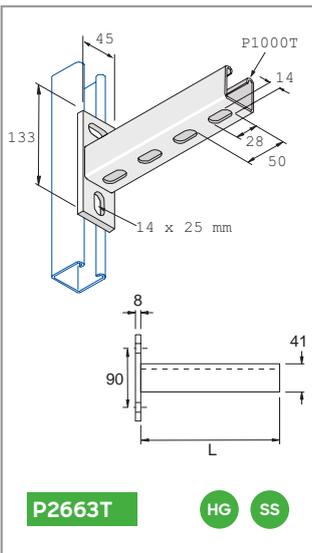


| Part No. | Colour | W | PG |
|----------|--------|------|----|
| P1184-PW | White | 0,48 | 1 |
| P1184-PB | Black | 0,48 | 1 |

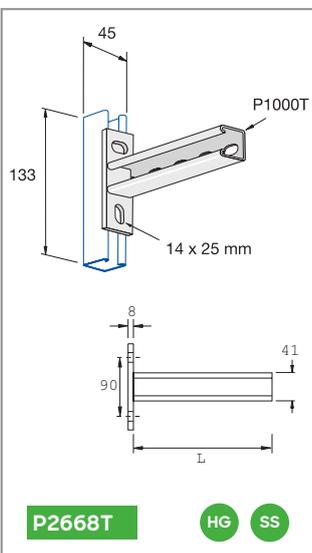
Cantilever Arms



| Part No. | Finish | | w | L (mm) | Loadings | | | |
|-----------|--------|----|------|--------|----------|---------|---------|---------|
| | HG | SS | | | U | U | U | U |
| P2663/150 | - | - | 0.77 | 150 | 6.20 kN | 3.10 kN | 3.10 kN | 2.06 kN |
| P2663/300 | - | - | 1.20 | 300 | 3.20 kN | 1.60 kN | 1.60 kN | 1.06 kN |
| P2663/450 | - | - | 1.63 | 450 | 2.15 kN | 1.07 kN | 1.07 kN | 0.71 kN |
| P2663/600 | - | - | 2.07 | 600 | 1.62 kN | 0.81 kN | 0.81 kN | 0.54 kN |
| P2663/750 | - | - | 2.50 | 750 | 1.30 kN | 0.65 kN | 0.65 kN | 0.43 kN |



| Part No. | Finish | | w | L (mm) | Loadings | | | |
|------------|--------|----|------|--------|----------|---------|---------|---------|
| | HG | SS | | | ZP | U | U | U |
| P2663T/150 | - | - | 0.75 | 150 | 6.12 kN | 3.06 kN | 3.06 kN | 2.04 kN |
| P2663T/300 | - | - | 1.16 | 300 | 3.06 kN | 1.53 kN | 1.53 kN | 1.02 kN |
| P2663T/450 | - | - | 1.57 | 450 | 2.04 kN | 1.02 kN | 1.02 kN | 0.68 kN |
| P2663T/600 | - | - | 1.98 | 600 | 1.53 kN | 0.76 kN | 0.76 kN | 0.50 kN |
| P2663T/750 | - | - | 2.39 | 750 | 1.22 kN | 0.61 kN | 0.61 kN | 0.40 kN |

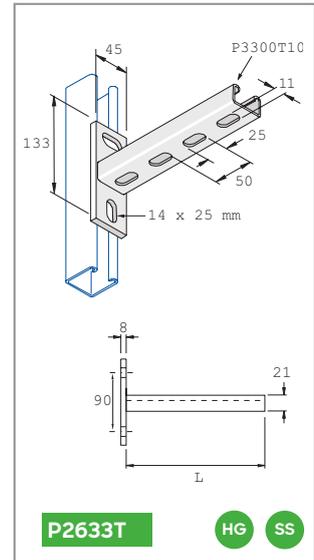


| Part No. | Finish | | w | L (mm) | Loadings | | | |
|------------|--------|----|------|--------|----------|---------|---------|---------|
| | HG | SS | | | U | U | U | U |
| P2668T/150 | - | - | 0.75 | 150 | 6.20 kN | 3.10 kN | 3.10 kN | 2.06 kN |
| P2668T/300 | - | - | 1.16 | 300 | 3.20 kN | 1.60 kN | 1.60 kN | 1.06 kN |
| P2668T/450 | - | - | 1.57 | 450 | 2.15 kN | 1.07 kN | 1.07 kN | 0.71 kN |
| P2668T/600 | - | - | 1.98 | 600 | 1.62 kN | 0.81 kN | 0.81 kN | 0.54 kN |

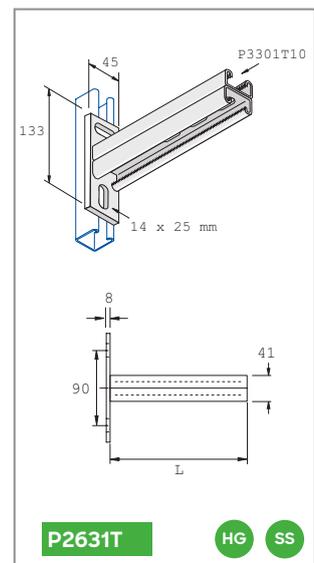
Loadings indicated are only applicable when 2 fixings per cantilever arms are used. Stated loadings apply to mild steel products only.

Cantilever Arms

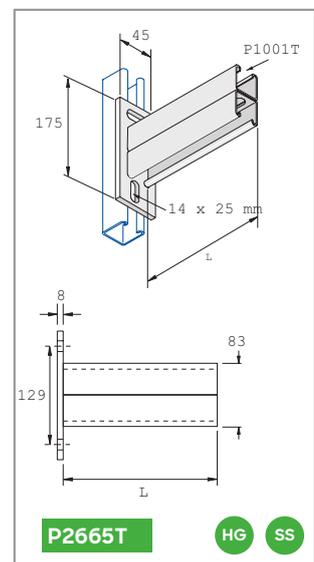
| Part No. | Finish | | w (mm) | L (mm) | Loadings | | | |
|------------|--------|----|-----------|-----------|----------|---------|---------|---------|
| | HG | SS | | | F1 | F2 | F3 | F3 |
| P2633T/150 | - | - | 0.60 | 150 | 1.94 kN | 0.97 kN | 0.97 kN | 0.64 kN |
| P2633T/300 | - | - | 0.87 | 300 | 1.00 kN | 0.50 kN | 0.50 kN | 0.33 kN |
| P2633T/450 | - | - | 1.13 | 450 | 0.67 kN | 0.33 kN | 0.33 kN | 0.22 kN |



| Part No. | Finish | | w (mm) | L (mm) | Loadings | | | |
|------------|--------|----|-----------|-----------|----------|---------|---------|---------|
| | HG | SS | | | F1 | F2 | F3 | F3 |
| P2631T/150 | - | - | 0.87 | 150 | 5.95 kN | 2.97 kN | 2.97 kN | 1.98 kN |
| P2631T/300 | - | - | 1.40 | 300 | 3.07 kN | 1.53 kN | 1.53 kN | 1.02 kN |
| P2631T/450 | - | - | 1.93 | 450 | 2.06 kN | 1.03 kN | 1.03 kN | 0.68 kN |
| P2631T/600 | - | - | 2.46 | 600 | 1.56 kN | 0.78 kN | 0.78 kN | 0.52 kN |
| P2631T/750 | - | - | 2.99 | 750 | 1.25 kN | 0.62 kN | 0.62 kN | 0.41 kN |

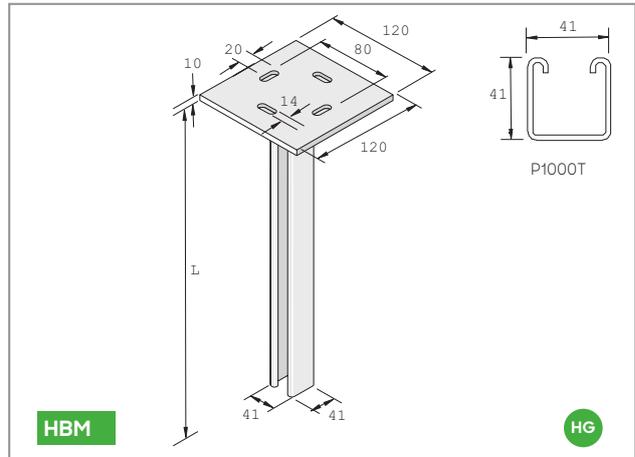
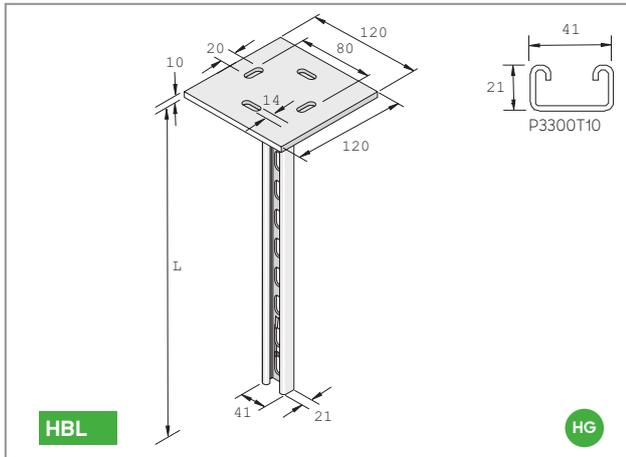


| Part No. | Finish | | w (mm) | L (mm) | Loadings | | | |
|------------|--------|----|-----------|-----------|----------|---------|---------|---------|
| | HG | SS | | | F1 | F2 | F3 | F3 |
| P2665T/150 | - | - | 1.44 | 150 | 8.82 kN | 4.41 kN | 4.41 kN | 2.94 kN |
| P2665T/300 | - | - | 2.21 | 300 | 6.47 kN | 3.23 kN | 3.24 kN | 2.15 kN |
| P2665T/450 | - | - | 3.09 | 450 | 4.31 kN | 2.15 kN | 2.15 kN | 1.43 kN |
| P2665T/600 | - | - | 3.72 | 600 | 3.23 kN | 1.61 kN | 1.61 kN | 1.07 kN |
| P2665T/750 | - | - | 4.73 | 750 | 2.58 kN | 1.29 kN | 1.29 kN | 0.86 kN |



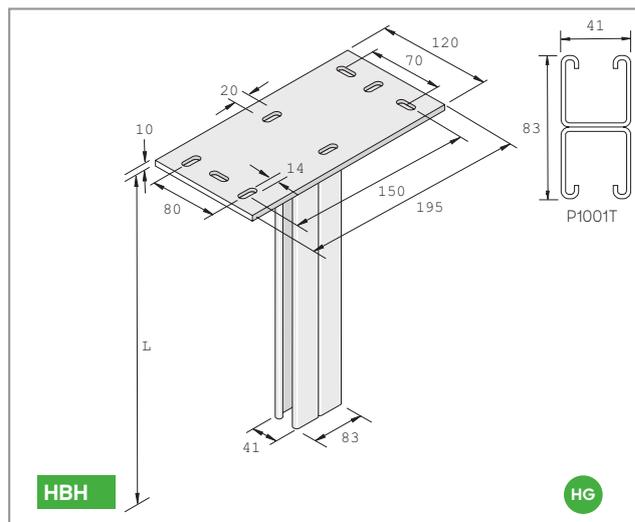
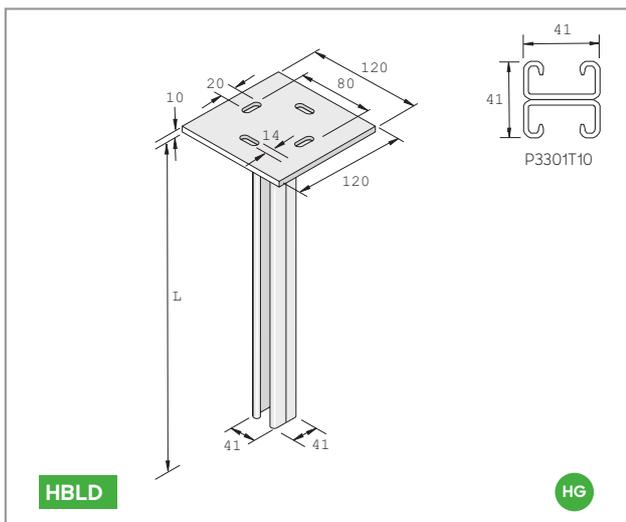
Loadings indicated are only applicable when 2 fixings per cantilever arms are used.
Stated loadings apply to mild steel products only.

Cantilever Arms



| Part No. | Finish HG | L (mm) | W |
|----------|-----------|--------|------|
| HBL/500 | . | 525 | 2.00 |
| HBL/750 | . | 775 | 2.44 |
| HBL/1000 | . | 1025 | 2.88 |
| HBL/1250 | . | 1275 | 3.32 |

| Part No. | Finish HG | L (mm) | W |
|----------|-----------|--------|------|
| HBM/500 | . | 525 | 2.51 |
| HBM/750 | . | 775 | 3.19 |
| HBM/1000 | . | 1025 | 3.88 |
| HBM/1250 | . | 1275 | 4.30 |



| Part No. | Finish HG | L (mm) | W |
|-----------|-----------|--------|------|
| HBLD/500 | . | 525 | 2.93 |
| HBLD/750 | . | 775 | 3.81 |
| HBLD/1000 | . | 1025 | 4.70 |
| HBLD/1250 | . | 1275 | 5.58 |
| HBLD/1500 | . | 1525 | 6.46 |
| HBLD/2000 | . | 2025 | 8.23 |

| Part No. | Finish HG | L (mm) | W |
|----------|-----------|--------|-------|
| HBH/500 | . | 525 | 4.60 |
| HBH/750 | . | 775 | 5.97 |
| HBH/1000 | . | 1025 | 7.33 |
| HBH/1250 | . | 1275 | 8.70 |
| HBH/1500 | . | 1525 | 10.07 |
| HBH/2000 | . | 2025 | 12.80 |



Fluorescent Lighting Supports & Fittings

Channel Trolley Assemblies

* Roller material Acetal Plastic N2320

M6
F1= 400 N
80
18

41
41
P1000

+ 80° C

Acetal Based
Plastic
Natural

P2750/1 0.22

* Roller material Mild steel
F1*=230 N

7 mm
19
31
18

41
41
P1000

P2749 0.10

* Roller material Mild steel

Ø 14,3
6,4
31,8

| RPM | F | kN |
|-----|---|-----|
| 600 | | 0.7 |
| 300 | | 1.0 |
| 100 | | 1.9 |

41
41
P1000

P2949 0.21

* Roller material Mild steel

Ø 14,3
6,4
20,6
23,8
23,8
20,6
88,9

| RPM | F | kN |
|-----|---|-----|
| 600 | | 1.3 |
| 300 | | 2.0 |
| 100 | | 2.7 |

41
41
P1000

P2950 0.50

41
14 mm
95
11 mm
25,4
F_{max}=5,4 kN

P1834 0.49

89
14 mm
95
11 mm
25,4
F_{max}=11,3 kN

P1834A 1.06

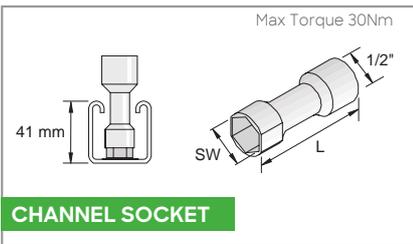
Nuts, Bolts & Washers



HEX. HEAD SCREW

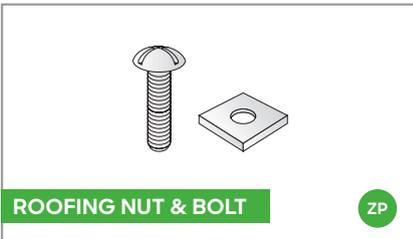
ZP HG SS

| ZP | Part No. M6 HG | SS | ZP | Part No. M8 HG | SS | ZP | Part No. M10 HG | SS | ZP | Part No. M12 HG | SS | |
|----------|----------------------|----------|----------|----------------------|----------|------------|-----------------------|------------|------------|-----------------------|------------|-----|
| 93356X12 | 93336X12 | 93346X12 | 93358X20 | 93338X20 | 93348X20 | 933510X20 | 933310X20 | 933410X20 | 933512X22 | 933312X22 | 933412X22 | 100 |
| 93356X16 | 93336X16 | 93346X16 | 93358X25 | 93338X25 | 93348X25 | 933510X25 | 933310X25 | 933410X25 | 933512X25 | 933312X25 | 933412X25 | 100 |
| 93356X20 | 93336X20 | 93346X20 | 93358X30 | 93338X30 | 93348X30 | 933510X30 | 933310X30 | 933410X30 | 933512X30 | 933312X30 | 933412X30 | 100 |
| 93356X25 | 93336X25 | 93346X25 | 93358X35 | 93338X35 | 93348X35 | 933510X40 | 933310X40 | 933410X40 | 933512X40 | 933312X40 | 933412X40 | 100 |
| 93356X30 | 93336X30 | 93346X30 | 93358X40 | 93338X40 | 93348X40 | 933510X50 | 933310X50 | 933410X50 | 933512X50 | 933312X50 | 933412X50 | 100 |
| 93356X35 | 93336X35 | 93346X35 | 93358X45 | 93338X45 | 93348X45 | 933510X60 | 933310X60 | 933410X60 | 933512X60 | 933312X60 | 933412X60 | 100 |
| 93356X40 | 93336X40 | 93346X40 | 93358X50 | 93338X50 | 93348X50 | 933510X80 | 933310X80 | 933410X80 | 933512X80 | 933312X80 | 933412X80 | 100 |
| 93356X60 | 93336X60 | 93346X60 | 93358X60 | 93338X60 | 93348X60 | 933510X100 | 933310X100 | 933410X100 | 933512X100 | 933312X100 | 933412X100 | 100 |



CHANNEL SOCKET

| SIZE | Part No. |
|------|----------|
| M10 | 12AF |
| M12 | 19AF |



ROOFING NUT & BOLT

ZP

| Part No. | Finish ZP | L (mm) | w /100 | |
|----------|--------------|--------|--------|-----|
| M6x12RB | - | 12 | 1.0 | 100 |
| M6x16RB | - | 16 | 1.0 | 100 |
| M6x20RB | - | 20 | 1.0 | 100 |
| M6x25RB | - | 25 | 1.0 | 100 |
| M6x30RB | - | 30 | 1.0 | 100 |
| M6x40RB | - | 40 | 1.0 | 100 |
| M6x50RB | - | 50 | 1.0 | 100 |
| M6x60RB | - | 60 | 1.0 | 100 |



CONE-POINTED SCREW

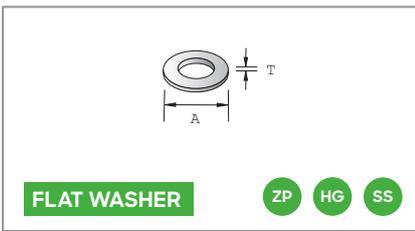
ZP

| Part No. | Finish ZP | w /100 | |
|----------|--------------|--------|-----|
| M10x40CP | - | 2.5 | 100 |
| M12x40CP | - | 3.9 | 100 |

Nuts, Bolts & Washers

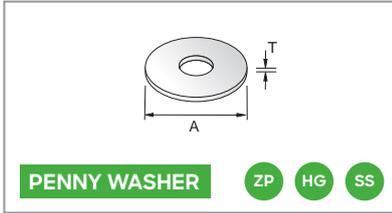


| Part No. M6 | | | Part No. M8 | | | Part No. M10 | | | Part No. M12 | | |
|----------------|--------|--------|----------------|--------|--------|-----------------|---------|---------|-----------------|---------|---------|
| ZP | HG | SS | ZP | HG | SS | ZP | HG | SS | ZP | HG | SS |
| 9345M6 | 9343M6 | 9344M6 | 9345M8 | 9343M8 | 9344M8 | 9345M10 | 9343M10 | 9344M10 | 9345M12 | 9343M12 | 9344M12 |

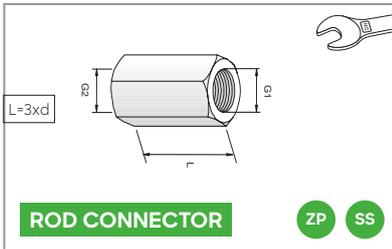


| Part No. M6 | | | Part No. M8 | | | Part No. M10 | | | Part No. M12 | | | Part No. M16 | | | |
|----------------|--------|--------|----------------|--------|--------|-----------------|---------|---------|-----------------|---------|---------|-----------------|---------|---------|-----|
| ZP | HG | SS | ZP | HG | SS | ZP | HG | SS | ZP | HG | SS | ZP | HG | SS | |
| 1255M6 | 1253M6 | 1254M6 | 1255M8 | 1253M8 | 1254M8 | 1255M10 | 1253M10 | 1254M10 | 1255M12 | 1253M12 | 1254M12 | 1255M16 | 1253M16 | 1254M16 | 100 |
| (A=12.5mm) | | | (A=17mm) | | | (A=21mm) | | | (A=24mm) | | | (A=30mm) | | | |
| (T=1.6mm) | | | (T=2.0mm) | | | (T=2.5mm) | | | (T=3.0mm) | | | (T=3.0mm) | | | |

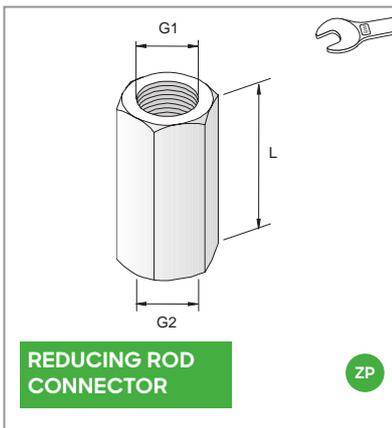
Washers & Threaded Rod Connectors



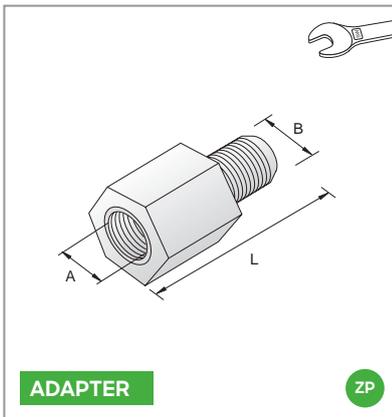
| Part No. M6 | | Part No. M8 | | Part No. M10 | | Finish | | | Icon |
|-------------|----|-------------|----|--------------|----|--------|-----|-----|------|
| ZP | HG | ZP | HG | ZP | HG | A | T | | |
| PYWM6X25 | | PYWM8X25 | | PYWM10X25 | | 25 | 1.5 | 100 | |
| PYWM6X32 | | PYWM8X32 | | PYWM10X32 | | 32 | 1.5 | 100 | |



| Part No. M6 | | | Part No. M8 | | | Part No. M10 | | | Part No. M12 | | | Part No. M16 | | | Icon |
|-------------|---------|---------|-------------|---------|---------|--------------|----------|----------|--------------|----------|----------|--------------|----------|----------|------|
| ZP | HG | SS | ZP | HG | SS | ZP | HG | SS | ZP | HG | SS | ZP | HG | SS | |
| 63345M6 | 63343M6 | 63344M6 | 63345M8 | 63343M8 | 63344M8 | 63345M10 | 63343M10 | 63344M10 | 63345M12 | 63343M12 | 63344M12 | 63345M16 | 63343M16 | 63344M16 | 100 |



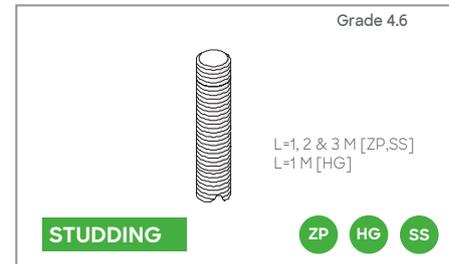
| Part No. | Finish ZP | G1 | G2 | SW mm | L mm | Icon |
|----------|-----------|-----|-----|-------|------|------|
| SPM8M10 | - | M8 | M10 | 13 | 30 | 50 |
| SPM10M12 | - | M10 | M12 | 17 | 30 | 50 |



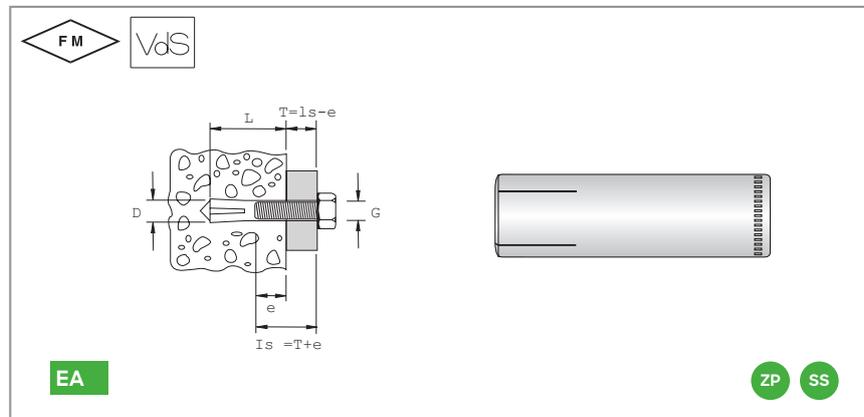
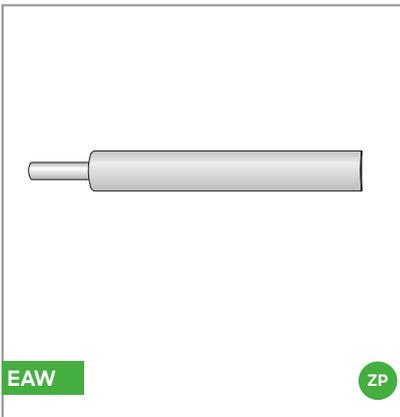
| Part No. | Finish ZP | A | B | SW mm | L mm | Icon |
|----------|-----------|-----|-----|-------|------|------|
| 310810 | - | M8 | M10 | 13 | 21 | 50 |
| 310812 | - | M8 | M12 | 13 | 23 | 50 |
| 311008 | - | M10 | M8 | 13 | 23 | 50 |
| 311012 | - | M10 | M12 | 13 | 23 | 50 |
| 311016 | - | M10 | M16 | 19 | 32 | 50 |
| 311208 | - | M12 | M8 | 17 | 23 | 50 |
| 311210 | - | M12 | M10 | 17 | 25 | 50 |
| 311216 | - | M12 | M16 | 19 | 32 | 50 |
| 311610 | - | M16 | M10 | 24 | 32 | 50 |
| 311612 | - | M16 | M12 | 24 | 32 | 50 |

Threaded Rod & Studs

| Part No. M6 | Part No. M8 | Part No. M10 | Part No. M12 | Part No. M16 | ZP | Finish SS | HG |
|----------------|----------------|-----------------|-----------------|-----------------|----|--------------|----|
| M6x1M | M8x1M | M10x1M | M12x1M | M16x1M | . | . | . |
| M6x2M | M8x2M | M10x2M | M12x2M | M16x2M | . | . | . |
| M6x3M | M8x3M | M10x3M | M12x3M | M16x3M | . | . | . |



Non Drill Anchors

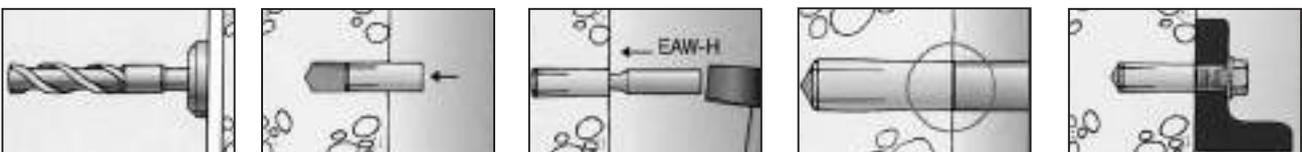


| Part No. | Part No. |
|----------|----------|
| EAWH6 | EAM6 |
| EAWH8 | EAM8 |
| EAWH8x40 | EAM8x40 |
| EAWH10 | EAM10 |
| EAWH12 | EAM12 |
| EAWH16 | EAM16 |
| EAWH20 | EAM20 |

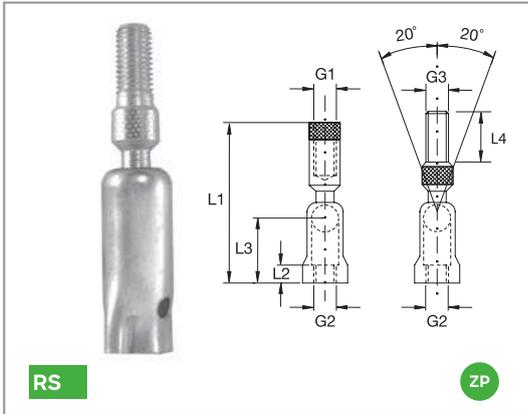
| Part No. | Finish ZP | Class | D mm | L mm | ø mm | G | e (mm) | | Approval: | |
|----------|--------------|---------|---------|---------|------|-----|--------|-----|-----------|--------|
| | | | | | | | min | max | | |
| EAM6 | . | - | 8 | 25 | 8 | M6 | 6 | 11 | 100 | |
| EAM8 | . | 1.8kN* | 10 | 30 | 10 | M8 | 8 | 13 | 100 | VdS |
| EAM8x40 | . | 3.6kN* | 10 | 40 | 10 | M8 | 8 | 13 | 50 | VdS FM |
| EAM10 | . | 3.6kN* | 12 | 40 | 12 | M10 | 10 | 17 | 50 | VdS FM |
| EAM12 | . | 5.7kN* | 15 | 50 | 15 | M12 | 12 | 18 | 25 | VdS FM |
| EAM16 | . | 7.4kN* | 20 | 65 | 20 | M16 | 16 | 21 | 20 | VdS FM |
| EAM20 | . | 11.3kN* | 25 | 80 | 25 | M20 | 20 | 30 | 10 | VdS FM |

| Part No. | Finish SS | Class | D mm | L mm | ø mm | G | e (mm) | | Approval: | |
|----------|--------------|--------|---------|---------|------|-----|--------|-----|-----------|--------|
| | | | | | | | min | max | | |
| EAM6 | . | - | 8 | 25 | 8 | M6 | 6 | 11 | 100 | |
| EAM8 | . | - | 10 | 30 | 10 | M8 | 8 | 13 | 100 | |
| EAM10 | . | 3.0kN* | 12 | 40 | 12 | M10 | 10 | 17 | 50 | VdS FM |
| EAM12 | . | 3.6kN* | 15 | 50 | 15 | M12 | 12 | 18 | 25 | FM |
| EAM16 | . | 5.7kN* | 20 | 65 | 20 | M16 | 16 | 21 | 20 | FM |

* Loading data is applicable for concrete pressure zone only (B=25 N/mm²)

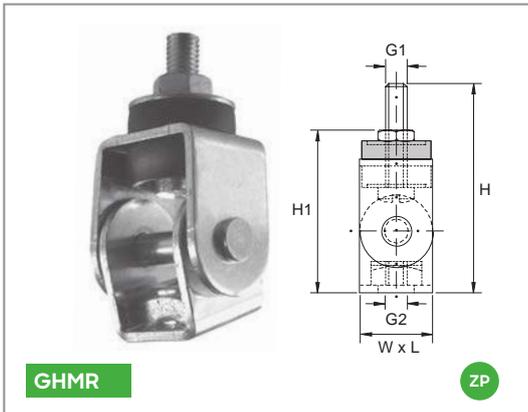


Rod Swivel



| Part No. | Finish ZP | G1 | G2 | G3 | L1 mm | L2 mm | L3 mm | L4 mm | Fmax N | W | |
|-----------|--------------|-----|-----|-----|----------|----------|----------|----------|-----------|-----|-----|
| 124 08 03 | - | M8 | M8 | M8 | 74 | 8 | 30 | 15 | 2500 | .03 | 100 |
| 124 10 03 | - | M10 | M10 | M10 | 74 | 8 | 30 | 15 | 2500 | .04 | 100 |
| 124 12 03 | - | M12 | M12 | M12 | 96 | 15 | 53 | | 5000 | .15 | 100 |
| 66 42 008 | - | M8 | M8 | M8 | 49 | 10 | 20 | 15 | 3100 | .03 | 50 |
| 66 42 010 | - | M10 | M10 | M10 | 49 | 13 | 23 | 15 | 3100 | .03 | 50 |

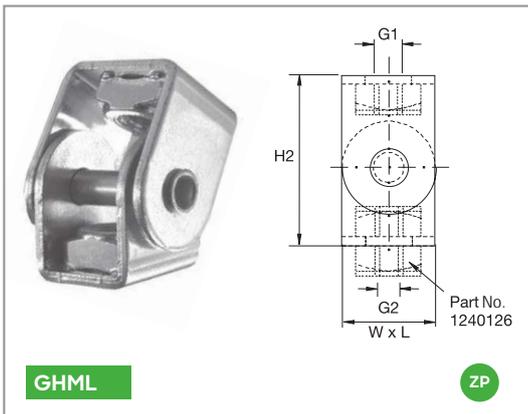
Adjustable Angle Fitting with Sound Insulation



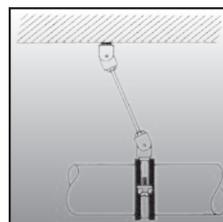
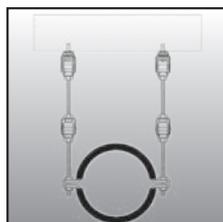
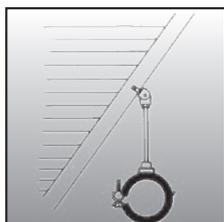
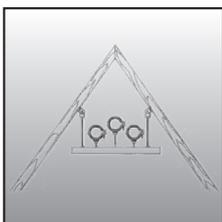
| Part No. | Finish ZP | G1 | G2 | H2 mm | W x L mm | H1 mm | H mm | Fmax kN | W | |
|-----------|--------------|----|-----|----------|-------------|----------|---------|------------|-----|-----|
| 124 08 86 | - | M8 | M8 | 45 | 36 x 25 | 60 | 70 | 5.7 | .13 | 100 |
| 124 81 06 | - | M8 | M10 | 45 | 36 x 25 | 60 | 70 | 5.7 | .13 | 100 |

Sound insulation tested
Schallschutz geprüft
Testée isophonique

Sound insulation value on average 22 dB (A)



| PART NO | FINISH ZP | G1 | G2 | H2 MM | W x L MM | FMAX(kN) | | | W | |
|-----------|--------------|-----|-----|----------|-------------|----------|------|------|-----|-----|
| | | | | | | 90° | 135° | 180° | | |
| 124 00 86 | - | M8 | M8 | 45 | 36 x 25 | 3.5 | 4.5 | 5.5 | .11 | 100 |
| 124 01 06 | - | M10 | M10 | 45 | 36 x 25 | 3.5 | 4.5 | 5.5 | .11 | 100 |
| 124 01 26 | - | M12 | M12 | 64 | 36 x 25 | 3.5 | 4.5 | 5.5 | .12 | 100 |



Universal Hinge

UGM10 Universal Hinge Mount
The perfect solution for suspending threaded rod vertically from an angled roof or ceiling.

Features & Benefits

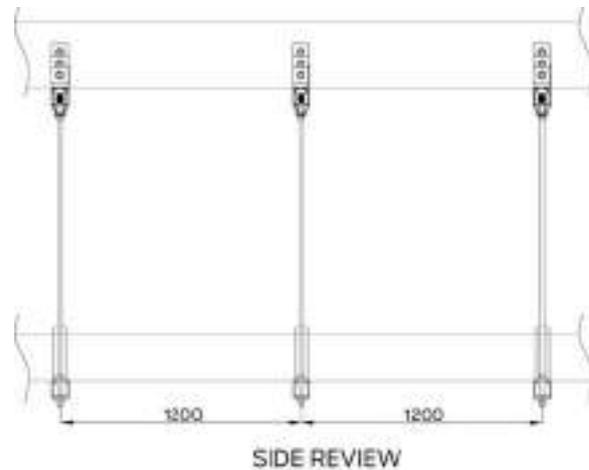
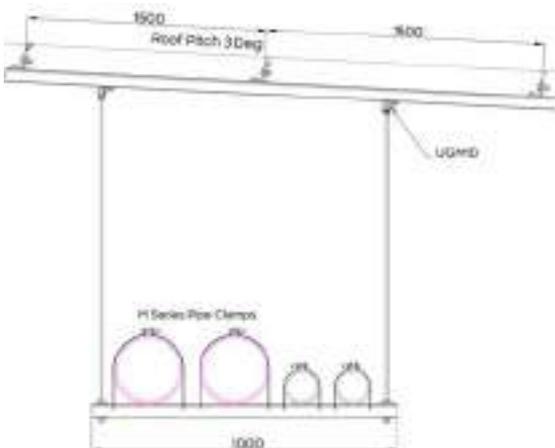
- Can be fixed directly to roof sections, or attached to Atkore Unistrut channel mounted across purlins/beams
- Accepts all M10 ZP threaded products (including threaded rod)
- Fully adjustable through 135 degrees to suit any mounting application

Technical Information

- Mass: 10.8kgs/100
- Working load with a safety factor of 3 is 3.0kN or 300kg
- Tighten threaded rod into position using the serrated nut and locking plate (both supplied)
- Threaded rod supplied separately

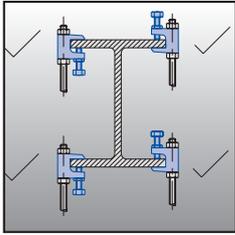


Application Diagram

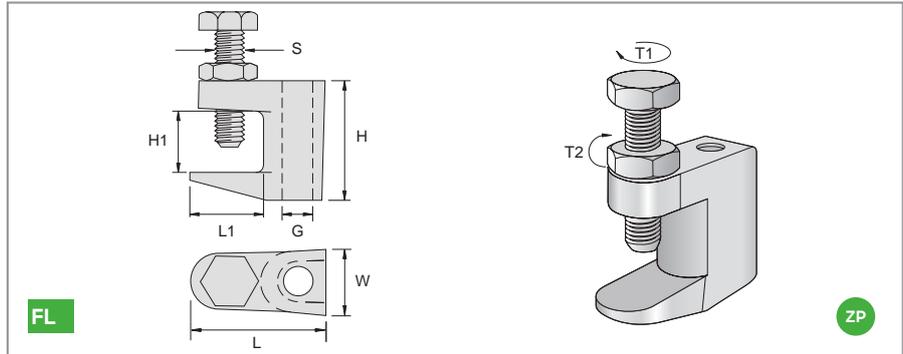
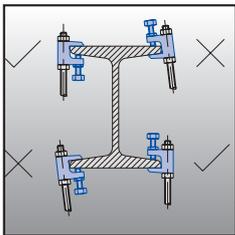


Beam Clamps

Beam Clamps

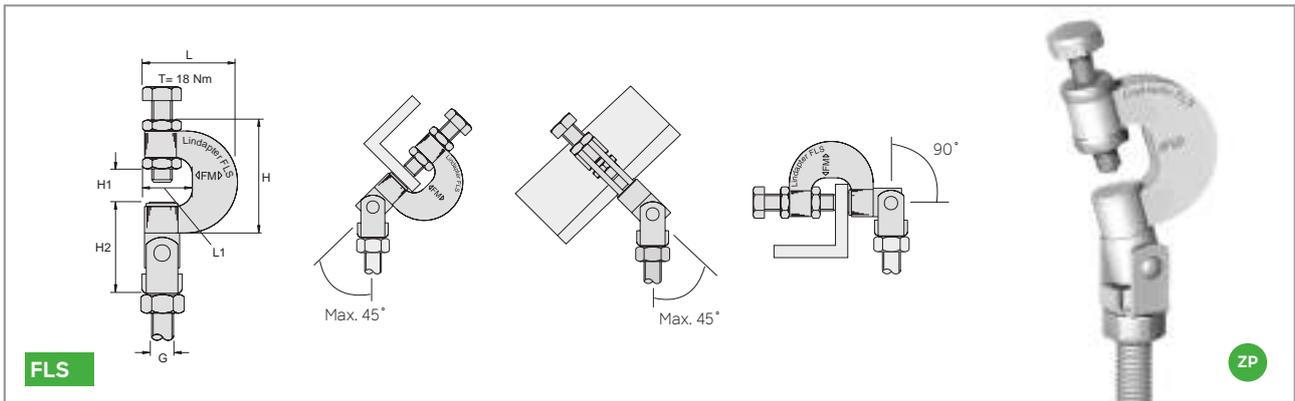


V = good
X = wrong



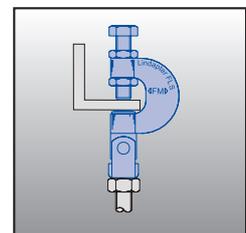
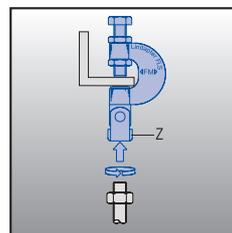
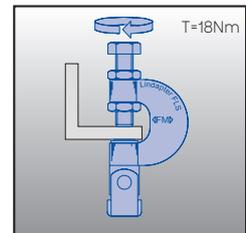
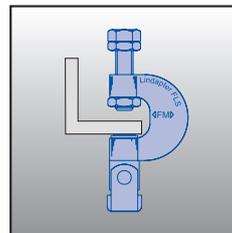
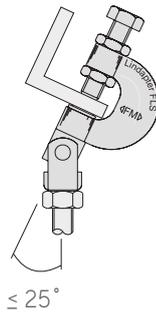
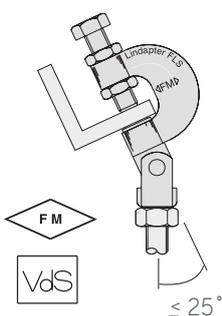
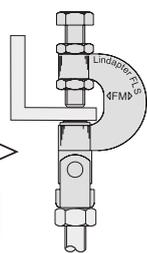
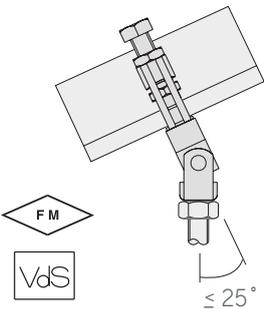
| Part No. | Finish | Fmax kN | T1 Nm | T2 Nm | L mm | H mm | W mm | H1 mm | L1 mm | G mm | S mm | | Approval: |
|----------|--------|------------|----------|----------|---------|---------|---------|----------|----------|---------|---------|----|-----------|
| FL16T | - | 1.1 | 8 | 11 | 36 | 35 | 19 | 17 | 20 | M6 | 8 | 50 | |
| FL18D | - | 1.1 | 8 | 11 | 36 | 35 | 19 | 17 | 20 | 9 | 8 | 50 | |
| FL18T | - | 1.1 | 8 | 11 | 36 | 35 | 19 | 17 | 20 | M8 | 8 | 50 | |
| FL201D | - | 2.4 | 8 | 22 | 45 | 40 | 22 | 19 | 22 | 11 | 10 | 50 | FM |
| FL201T | - | 2.4 | 8 | 22 | 45 | 40 | 22 | 19 | 22 | M10 | 10 | 50 | FM |
| F312D | - | 3.1 | 8 | 22 | 50 | 46 | 25 | 23 | 28 | 13 | 10 | 25 | FM |
| F312T | - | 3.1 | 8 | 22 | 50 | 46 | 25 | 23 | 28 | M12 | 10 | 25 | FM |

Articulated Beam Clamps



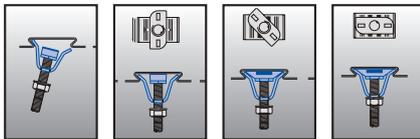
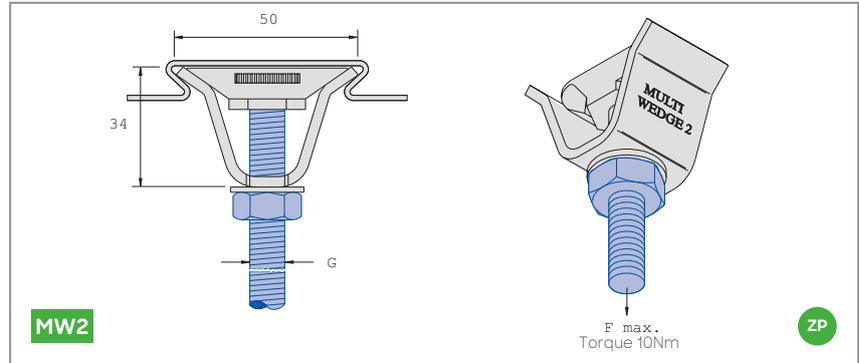
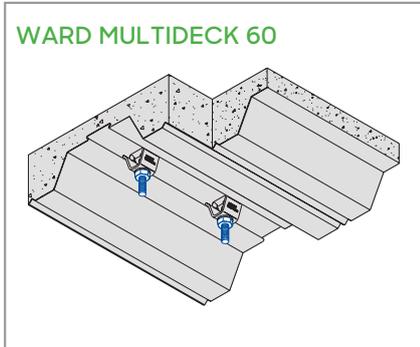
FLS

| Part No. | Finish | G | Fmax (<25°) kN | Fmax (>25°) kN | T Nm | H2 mm | L mm | H mm | H1 mm | L1 mm | Approval: |
|----------|--------|-----|----------------------|----------------------|---------|----------|---------|---------|----------|----------|-----------|
| FLS08 | - | M8 | 2.5 | 1.5 | 18 | 55 | 53 | 58 | 17 | 27 | VdS |
| FLS10 | - | M10 | 2.5 | 1.5 | 18 | 55 | 53 | 58 | 17 | 27 | VdS FM |

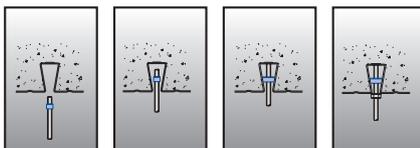
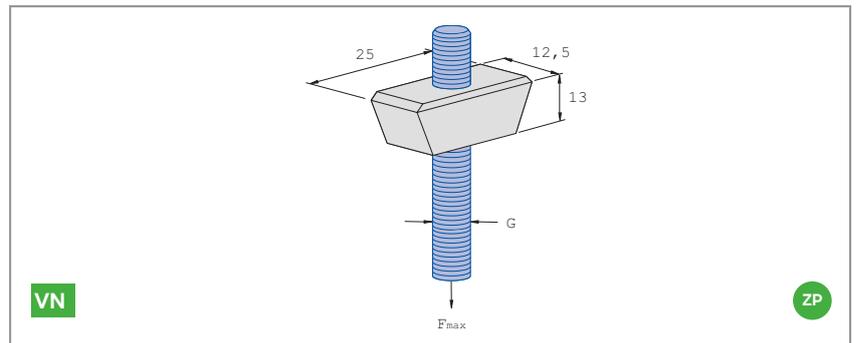
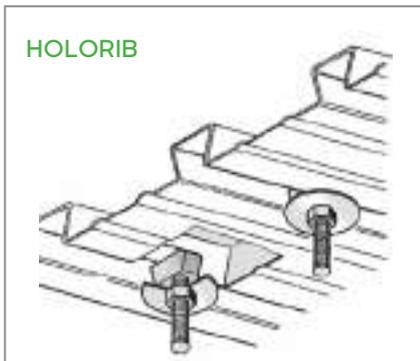


Fixings

Deck and Purlin Fixings



| Part No. | Finish ZP | G | Fmax kN | $\frac{F}{w}$ | |
|----------|--------------|-----|------------|---------------|----|
| MW06 | . | M6 | 1.47 | 0.10 | 50 |
| MW08 | . | M8 | 1.47 | 0.10 | 50 |
| MW10 | . | M10 | 1.47 | 0.10 | 50 |



| Part No. | Finish ZP | G | Fmax kN | $\frac{F}{w}$ | |
|----------|--------------|-----|------------|---------------|-----|
| VN04 | . | M4 | 0.86 | 0.02 | 500 |
| VN05 | . | M5 | 1.4 | 0.02 | 500 |
| VN06 | . | M6 | 1.8 | 0.02 | 500 |
| VN08 | . | M8 | 2.0 | 0.02 | 500 |
| VN10 | . | M10 | 2.1 | 0.02 | 500 |

Loads quoted are subject to the strength of the supporting decking. Suitable for decking with a 15° tapered slot.

Cable Tray

Cable Tray Systems from
Atkore Unistrut



CABLE TRAY CONTENTS

| Contents | Page Number |
|--|-------------|
| About Atkore Unistrut Cable Tray Systems | 52 |
| Standard Range | 54 |
| Sizes, Angles & Codes | 65 |
| Accessories | 67 |
| Technical Information | 71 |

Atkore Unistrut's Cable Trays come in a wide range of sizes and finishes, including a self-splicing fast assembly variant for both installation efficiency and maximum application versatility.

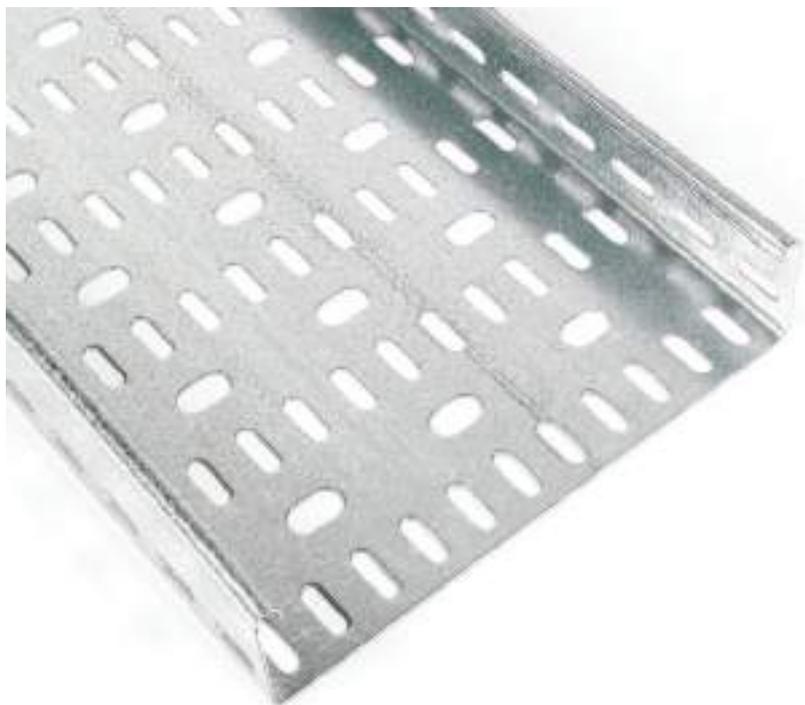
The Cable Tray systems are also available in Extra Heavy Duty options, for applications where additional strength and capacity is required.

A broad variety of fits, finishes and shapes ensure we have the widest range of Cable Tray systems in the industry and we are able to offer covers to suit all ranges.

Sectors:

- Commercial buildings, including office blocks, shopping centres and super markets
- Hospitals, Data Centres, correction facilities
- Infrastructure applications such as airports, road and rail tunnels.
- Automotive industry
- Petrochemical, food and beverage and general industrial applications

THE CABLE TRAY RANGE



Atkore Unistrut Slot Pattern

Traditional Unistrut standard design in use since 1965, synonymous with strength and quality.

The complete range of Atkore Unistrut Cable Tray for use in **Light**, **Medium**, **Heavy** & **Extra Heavy** duty applications. Available in a variety of sizes, the Atkore Unistrut system provides the ultimate in flexibility, quality and speed in installation. Ideal for all your cable applications, from low power control and signalling to mains power supply cabling. With a complete range of fixings and accessories including bends, risers and covers.

Light Duty (TULL)

Available in 3m lengths with depths of 12mm (50mm wide to 225mm wide) and 18mm (300mm to 900mm wide), in [PG] Pre-Galvanised, [HG] Hot-Dip Galvanised and [SS] Stainless Steel finishes.

Heavy Duty (TUHLT)

Available in 3m lengths with a depth of 50mm and widths from 50 to 900mm, in [PG] Pre-Galvanised, [HG] Hot-Dip Galvanised and [SS] Stainless Steel.

150mm Deep Cable Tray (TUXHLT)

Available in 3m lengths with a depth of 150mm and from 100 to 600mm widths. Finish applications include [PG] Pre-Galvanised, [HG] Hot-Dip Galvanised and [SS] Stainless Steel.

Medium Duty (TUMLT)

Available in 3m lengths with a depth of 25mm and widths from 50 to 900mm, in [PG] Pre-Galvanised, [HG] Hot-Dip Galvanised and [SS] Stainless Steel finishes.

Extra Heavy Duty (TUEHLT)

Available in 3m lengths with a depth of 100mm and from 100 to 900mm widths. Finish applications include [PG] Pre-Galvanised, [HG] Hot-Dip Galvanised and [SS] Stainless Steel.

ATKORE UNISTRUT CABLE TRAY



Cable Tray Features:

- Traditional Unistrut slot pattern
- All material is European standard graded
- Widths : 50, 75, 100, 150, 225, 300, 450, 600, 750 and 900mm
- Compatible with Unistrut fittings only
- Stock held in the UK
- An extensive range of dedicated accessories, bracketry and support systems
- Covers available for all sizes

Standard Material & Finish Codes

| Finish | Code |
|-----------------------|------|
| Pre-Galvanised | PG |
| Hot Dipped Galvanised | HG |
| Stainless Steel | SS |

Other materials and finishes available upon request.

Materials standards and details can be found on page 8.

Material Standards

| Finish | Standard |
|--------|---|
| PG | Pre-Galvanised Steel to BS EN 10346 DX51D Z275-N-A- |
| HG | Mild Steel to BS EN 10111 - DD11 or BS EN 10139 - DC01 |
| DH | BS EN 10025 S275JO+AR+CL1 or equivalent/better - 2mm thick min. material. |
| SS | Stainless Steel - Hot Rolled to B.S.EN10088-2-1.4404+1D |

Pickle & Passivate is available upon request.

Icon Key



Including Fitments



Sold as Pair



Sold as Individual

Atkore Unistrut Light Duty Cable Tray



Light duty Cable Tray is lightweight and often selected for ease of installation. Atkore Unistrut offer a wide range of accessories and fixings to suit, please refer to page 66.



Sold as Individual

Available in 3m lengths with widths from 50 to 900mm.

| Size | Part No. | | | W | B | C | Weight |
|------------|--------------|--------------|--------------|-----|----|------|--------|
| | PG | HG | SS | mm | mm | mm | kg |
| 50mm x 3m | TULL050/10PG | TULL050/10HG | TULL050/10SS | 50 | 12 | 0.80 | 1.23 |
| 75mm x 3m | TULL075/10PG | TULL075/10HG | TULL075/10SS | 75 | 12 | 0.80 | 1.68 |
| 100mm x 3m | TULL100/10PG | TULL100/10HG | TULL100/10SS | 100 | 12 | 0.80 | 2.13 |
| 150mm x 3m | TULL150/10PG | TULL150/10HG | TULL150/10SS | 150 | 12 | 0.80 | 2.86 |
| 225mm x 3m | TULL225/10PG | TULL225/10HG | TULL225/10SS | 225 | 12 | 0.80 | 3.92 |
| 300mm x 3m | TULL300/15PG | TULL300/15HG | TULL300/15SS | 300 | 18 | 1.20 | 7.98 |
| 450mm x 3m | TULL450/15PG | TULL450/15HG | TULL450/15SS | 450 | 18 | 1.20 | 18.25 |
| 600mm x 3m | TULL600/20PG | TULL600/20HG | TULL600/20SS | 600 | 18 | 1.20 | 30.37 |
| 750mm x 3m | TULL750/20PG | TULL750/20HG | TULL750/20SS | 750 | 18 | 2.00 | 39.45 |
| 900mm x 3m | TULL900/20PG | TULL900/20HG | TULL900/20SS | 900 | 18 | 2.00 | 47.01 |

Medium Duty

Atkore Unistrut Medium Duty Cable Tray

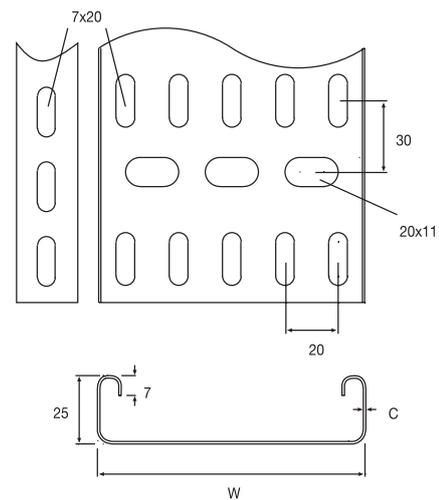
Medium duty steel Cable Tray, robust enough to meet a wide variety of applications but light enough to handle and install with ease and complete with wide range of accessories and fixings to suit, please refer to page 66.



Sold as Individual



Available in 3m lengths with widths from 50 to 900mm,



| Size (W) | Part No. | | | W | C | Weight |
|------------|---------------|---------------|---------------|-----|------|--------|
| | PG | HG | SS | mm | mm | kg |
| 50mm x 3m | TUMLT050/10PG | TUMLT050/10HG | TUMLT050/10SS | 50 | 0.80 | 2.02 |
| 75mm x 3m | TUMLT075/10PG | TUMLT075/10HG | TUMLT075/10SS | 75 | 0.80 | 2.48 |
| 100mm x 3m | TUMLT100/10PG | TUMLT100/10HG | TUMLT100/10SS | 100 | 0.80 | 2.93 |
| 150mm x 3m | TUMLT150/10PG | TUMLT150/10HG | TUMLT150/10SS | 150 | 0.80 | 3.72 |
| 225mm x 3m | TUMLT225/10PG | TUMLT225/10HG | TUMLT225/10SS | 225 | 0.80 | 4.97 |
| 300mm x 3m | TUMLT300/15PG | TUMLT300/15HG | TUMLT300/15SS | 300 | 1.20 | 9.13 |
| 450mm x 3m | TUMLT450/15PG | TUMLT450/15HG | TUMLT450/15SS | 450 | 1.20 | 12.82 |
| 600mm x 3m | TUMLT600/15PG | TUMLT600/15HG | TUMLT600/15SS | 600 | 1.20 | 16.5 |
| 750mm x 3m | TUMLT750/20PG | TUMLT750/20HG | TUMLT750/20SS | 750 | 2.00 | 40.75 |
| 900mm x 3m | TUMLT900/20PG | TUMLT900/20HG | TUMLT900/20SS | 900 | 2.00 | 48.13 |

Heavy Duty

Atkore Unistrut Heavy Duty Cable Tray

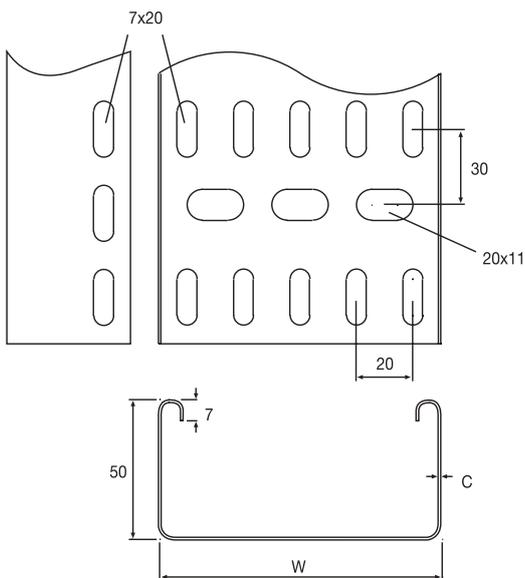


Heavy duty steel Cable Tray, designed to meet heavy cable load needs and complete with wide range of accessories and fixings to suit, please refer to page 66.



Sold as Individual

Available in 3m lengths with widths from 50 to 900mm.



| Size (W) | Part No. | | | W | C | Weight |
|------------|---------------|---------------|---------------|-----|------|--------|
| | PG | HG | SS | | | |
| 50mm x 3m | TUHLT050/10PG | TUHLT050/10HG | TUHLT050/10SS | 50 | 0.80 | 3.16 |
| 75mm x 3m | TUHLT075/10PG | TUHLT075/10HG | TUHLT075/10SS | 75 | 0.80 | 3.46 |
| 100mm x 3m | TUHLT100/10PG | TUHLT100/10HG | TUHLT100/10SS | 100 | 0.80 | 3.92 |
| 150mm x 3m | TUHLT150/10PG | TUHLT150/10HG | TUHLT150/10SS | 150 | 0.80 | 4.71 |
| 225mm x 3m | TUHLT225/15PG | TUHLT225/15HG | TUHLT225/15SS | 225 | 1.20 | 8.72 |
| 300mm x 3m | TUHLT300/15PG | TUHLT300/15HG | TUHLT300/15SS | 300 | 1.20 | 10.59 |
| 450mm x 3m | TUHLT450/20PG | TUHLT450/20HG | TUHLT450/20SS | 450 | 2.00 | 23.28 |
| 600mm x 3m | TUHLT600/20PG | TUHLT600/20HG | TUHLT600/20SS | 600 | 2.00 | 29.35 |
| 750mm x 3m | TUHLT750/20PG | TUHLT750/20HG | TUHLT750/20SS | 750 | 2.00 | 45.3 |
| 900mm x 3m | TUHLT900/20PG | TUHLT900/20HG | TUHLT900/20SS | 900 | 2.00 | 52.85 |

Extra Heavy Duty

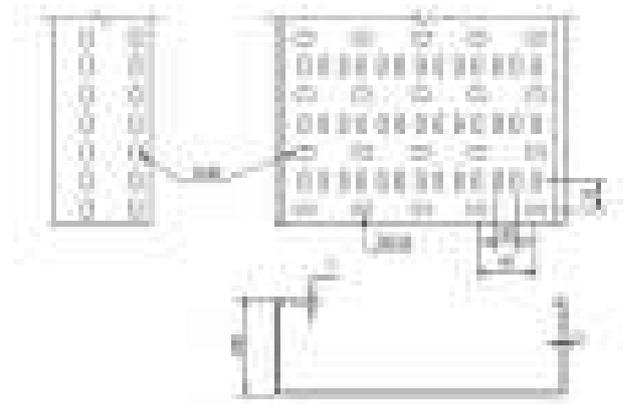
Atkore Unistrut Extra Heavy Duty Cable Tray

Extra heavy duty cable tray is perfect for applications which require a more robust solution.

Available in 3m lengths with widths from 100 & 900mm.



Sold as Individual



| Size (W) | Part No. | | | W | C | Weight |
|------------|----------------|----------------|----------------|-----|-----|--------|
| | PG | HG | SS | mm | mm | kg |
| 75mm x 3m | TUEHLT075/10PG | TUEHLT075/10HG | TUEHLT075/10SS | 75 | 0.8 | 6.00 |
| 100mm x 3m | TUEHLT100/10PG | TUEHLT100/10HG | TUEHLT100/10SS | 100 | 0.8 | 6.00 |
| 150mm x 3m | TUEHLT150/10PG | TUEHLT150/10HG | TUEHLT150/10SS | 150 | 0.8 | 6.99 |
| 225mm x 3m | TUEHLT225/15PG | TUEHLT225/15HG | TUEHLT225/15SS | 225 | 1.2 | 12.43 |
| 300mm x 3m | TUEHLT300/15PG | TUEHLT300/15HG | TUEHLT300/15SS | 300 | 1.2 | 14.55 |
| 450mm x 3m | TUEHLT450/15PG | TUEHLT450/15HG | TUEHLT450/15SS | 450 | 1.2 | 31.13 |
| 600mm x 3m | TUEHLT600/20PG | TUEHLT600/20HG | TUEHLT600/20SS | 600 | 2.0 | 38.20 |
| 750mm x 3m | TUEHLT750/20PG | TUEHLT750/20HG | TUEHLT750/20SS | 750 | 2.0 | 45.40 |
| 900mm x 3m | TUEHLT900/20PG | TUEHLT900/20HG | TUEHLT900/20SS | 900 | 2.0 | 52.47 |

45° Flat Bends

Atkore Unistrut Flat Bends

Light Duty 45° Flat Bend (17mm)

| Size (W) | Part No. | | | Weight kg |
|----------|--------------|--------------|--------------|--------------|
| | PG | HG | SS | |
| 50mm | TULB050/45PG | TULB050/45HG | TULB050/45SS | 0.07 |
| 75mm | TULB075/45PG | TULB075/45HG | TULB075/45SS | 0.12 |
| 100mm | TULB100/45PG | TULB100/45HG | TULB100/45SS | 0.19 |
| 150mm | TULB150/45PG | TULB150/45HG | TULB150/45SS | 0.33 |
| 225mm | TULB225/45PG | TULB225/45HG | TULB225/45SS | 0.58 |
| 300mm | TULB300/45PG | TULB300/45HG | TULB300/45SS | 1.34 |
| 450mm | TULB450/45PG | TULB450/45HG | TULB450/45SS | 3.07 |
| 600mm | TULB600/45PG | TULB600/45HG | TULB600/45SS | 5.13 |
| 750mm | TULB750/45PG | TULB750/45HG | TULB750/45SS | 7.7 |
| 900mm | TULB900/45PG | TULB900/45HG | TULB900/45SS | 10.79 |



Sold as Individual

Product image may vary dependant on duty of fitting, finish and size.

Medium Duty 45° Flat Bend (25mm)

| Size (W) | Part No. | | | Weight kg |
|----------|--------------|--------------|--------------|--------------|
| | PG | HG | SS | |
| 50mm | TUMB050/45PG | TUMB050/45HG | TUMB050/45SS | 0.13 |
| 75mm | TUMB075/45PG | TUMB075/45HG | TUMB075/45SS | 0.17 |
| 100mm | TUMB100/45PG | TUMB100/45HG | TUMB100/45SS | 0.22 |
| 150mm | TUMB150/45PG | TUMB150/45HG | TUMB150/45SS | 0.34 |
| 225mm | TUMB225/45PG | TUMB225/45HG | TUMB225/45SS | 0.55 |
| 300mm | TUMB300/45PG | TUMB300/45HG | TUMB300/45SS | 1.16 |
| 450mm | TUMB450/45PG | TUMB450/45HG | TUMB450/45SS | 2.00 |
| 600mm | TUMB600/45PG | TUMB600/45HG | TUMB600/45SS | 3.01 |
| 750mm | TUMB750/45PG | TUMB750/45HG | TUMB750/45SS | 6.60 |
| 900mm | TUMB900/45PG | TUMB900/45HG | TUMB900/45SS | 8.75 |

Extra Heavy Duty 45° Flat Bend (100mm)

| Size (W) | Part No. | | | Weight kg |
|----------|---------------|---------------|---------------|--------------|
| | PG | HG | SS | |
| 75mm | TUEHB075/45PG | TUEHB075/45HG | TUEHB075/45SS | 0.36 |
| 100mm | TUEHB100/45PG | TUEHB100/45HG | TUEHB100/45SS | 0.48 |
| 150mm | TUEHB150/45PG | TUEHB150/45HG | TUEHB150/45SS | 0.50 |
| 225mm | TUEHB225/45PG | TUEHB225/45HG | TUEHB225/45SS | 1.46 |
| 300mm | TUEHB300/45PG | TUEHB300/45HG | TUEHB300/45SS | 2.07 |
| 450mm | TUEHB450/45PG | TUEHB450/45HG | TUEHB450/45SS | 2.90 |
| 600mm | TUEHB600/45PG | TUEHB600/45HG | TUEHB600/45SS | 3.00 |
| 750mm | TUEHB750/45PG | TUEHB750/45HG | TUEHB750/45SS | - |
| 900mm | TUEHB900/45PG | TUEHB900/45HG | TUEHB900/45SS | 10.4 |

Heavy Duty 45° Flat Bend (50mm)

| Size (W) | Part No. | | | Weight kg |
|----------|--------------|--------------|--------------|--------------|
| | PG | HG | SS | |
| 75mm | TUHB075/45PG | TUHB075/45HG | TUHB075/45SS | 0.24 |
| 100mm | TUHB100/45PG | TUHB100/45HG | TUHB100/45SS | 0.30 |
| 150mm | TUHB150/45PG | TUHB150/45HG | TUHB150/45SS | 0.43 |
| 225mm | TUHB225/45PG | TUHB225/45HG | TUHB225/45SS | 0.64 |
| 300mm | TUHB300/45PG | TUHB300/45HG | TUHB300/45SS | 1.32 |
| 450mm | TUHB450/45PG | TUHB450/45HG | TUHB450/45SS | 2.18 |
| 600mm | TUHB600/45PG | TUHB600/45HG | TUHB600/45SS | 3.22 |
| 750mm | TUHB750/45PG | TUHB750/45HG | TUHB750/45SS | 7.22 |
| 900mm | TUHB900/45PG | TUHB900/45HG | TUHB900/45SS | 9.55 |

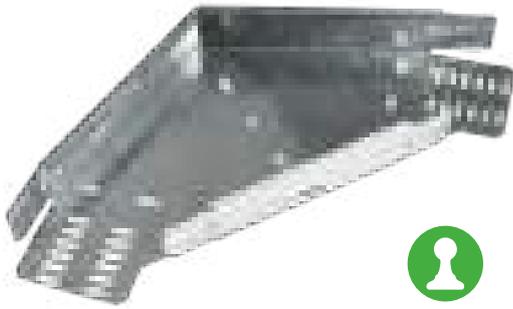
Extra Extra Heavy Duty 45° Flat Bend (150mm)

| Size (W) | Part No. | | | Weight kg |
|----------|---------------|---------------|---------------|--------------|
| | PG | HG | SS | |
| 75mm | TUXHB075/45PG | TUXHB075/45HG | TUXHB075/45SS | 0.48 |
| 100mm | TUXHB100/45PG | TUXHB100/45HG | TUXHB100/45SS | 1.00 |
| 150mm | TUXHB150/45PG | TUXHB150/45HG | TUXHB150/45SS | 1.20 |
| 225mm | TUXHB225/45PG | TUXHB225/45HG | TUXHB225/45SS | 1.40 |
| 300mm | TUXHB300/45PG | TUXHB300/45HG | TUXHB300/45SS | 2.10 |
| 450mm | TUXHB450/45PG | TUXHB450/45HG | TUXHB450/45SS | 2.80 |
| 600mm | TUXHB600/45PG | TUXHB600/45HG | TUXHB600/45SS | 3.50 |
| 750mm | TUXHB750/45PG | TUXHB750/45HG | TUXHB750/45SS | - |
| 900mm | TUXHB900/45PG | TUXHB900/45HG | TUXHB900/45SS | - |

Adjustable Bends are available upon request. Contact our team for further information.

90° Bends

Atkore Unistrut Flat Bends



Sold as Individual

Product image may vary dependant on duty of fitting, finish and size.

Light Duty 90° Flat Bend (17mm)

| Size (W) | Part No. | | | Weight |
|----------|--------------|--------------|--------------|--------|
| | PG | HG | SS | |
| 50mm | TULB050/90PG | TULB050/90HG | TULB050/90SS | 0.07 |
| 75mm | TULB075/90PG | TULB075/90HG | TULB075/90SS | 0.12 |
| 100mm | TULB100/90PG | TULB100/90HG | TULB100/90SS | 0.19 |
| 150mm | TULB150/90PG | TULB150/90HG | TULB150/90SS | 0.33 |
| 225mm | TULB225/90PG | TULB225/90HG | TULB225/90SS | 0.58 |
| 300mm | TULB300/90PG | TULB300/90HG | TULB300/90SS | 1.34 |
| 450mm | TULB450/90PG | TULB450/90HG | TULB450/90SS | 3.07 |
| 600mm | TULB600/90PG | TULB600/90HG | TULB600/90SS | 5.13 |
| 750mm | TULB750/90PG | TULB750/90HG | TULB750/90SS | 7.7 |
| 900mm | TULB900/90PG | TULB900/90HG | TULB900/90SS | 10.79 |

Extra Heavy Duty 90° Flat Bend (100mm)

| Size (W) | Part No. | | | Weight |
|----------|---------------|---------------|---------------|--------|
| | PG | HG | SS | |
| 75mm | TUEHB075/90PG | TUEHB075/90HG | TUEHB075/90SS | 0.51 |
| 100mm | TUEHB100/90PG | TUEHB100/90HG | TUEHB100/90SS | 0.68 |
| 150mm | TUEHB150/90PG | TUEHB150/90HG | TUEHB150/90SS | 0.79 |
| 225mm | TUEHB225/90PG | TUEHB225/90HG | TUEHB225/90SS | 2.37 |
| 300mm | TUEHB300/90PG | TUEHB300/90HG | TUEHB300/90SS | 2.10 |
| 450mm | TUEHB450/90PG | TUEHB450/90HG | TUEHB450/90SS | 3.35 |
| 600mm | TUEHB600/90PG | TUEHB600/90HG | TUEHB600/90SS | 4.89 |
| 750mm | TUEHB750/90PG | TUEHB750/90HG | TUEHB750/90SS | 6.71 |
| 900mm | TUEHB900/90PG | TUEHB900/90HG | TUEHB900/90SS | 13.7 |

Medium Duty 90° Flat Bend (25mm)

| Size (W) | Part No. | | | Weight |
|----------|--------------|--------------|--------------|--------|
| | PG | HG | SS | |
| 50mm | TUMB050/90PG | TUMB050/90HG | TUMB050/90SS | 0.41 |
| 75mm | TUMB075/90PG | TUMB075/90HG | TUMB075/90SS | 0.51 |
| 100mm | TUMB100/90PG | TUMB100/90HG | TUMB100/90SS | 0.63 |
| 150mm | TUMB150/90PG | TUMB150/90HG | TUMB150/90SS | 0.92 |
| 225mm | TUMB225/90PG | TUMB225/90HG | TUMB225/90SS | 1.38 |
| 300mm | TUMB300/90PG | TUMB300/90HG | TUMB300/90SS | 2.02 |
| 450mm | TUMB450/90PG | TUMB450/90HG | TUMB450/90SS | 3.35 |
| 600mm | TUMB600/90PG | TUMB600/90HG | TUMB600/90SS | 4.93 |
| 750mm | TUMB750/90PG | TUMB750/90HG | TUMB750/90SS | 12.20 |
| 900mm | TUMB900/90PG | TUMB900/90HG | TUMB900/90SS | 18.65 |

Extra Extra Heavy Duty 90° Flat Bend (150mm)

| Size (W) | Part No. | | | Weight |
|----------|---------------|---------------|---------------|--------|
| | PG | HG | SS | |
| 75mm | TUXHB075/90PG | TUXHB075/90HG | TUXHB075/90SS | - |
| 100mm | TUXHB100/90PG | TUXHB100/90HG | TUXHB100/90SS | - |
| 150mm | TUXHB150/90PG | TUXHB150/90HG | TUXHB150/90SS | 1.20 |
| 225mm | TUXHB225/90PG | TUXHB225/90HG | TUXHB225/90SS | 1.76 |
| 300mm | TUXHB300/90PG | TUXHB300/90HG | TUXHB300/90SS | 2.30 |
| 450mm | TUXHB450/90PG | TUXHB450/90HG | TUXHB450/90SS | 3.86 |
| 600mm | TUXHB600/90PG | TUXHB600/90HG | TUXHB600/90SS | 5.48 |
| 750mm | TUXHB750/90PG | TUXHB750/90HG | TUXHB750/90SS | - |
| 900mm | TUXHB900/90PG | TUXHB900/90HG | TUXHB900/90SS | - |

Heavy Duty 90° Flat Bend (50mm)

| Size (W) | Part No. | | | Weight |
|----------|--------------|--------------|--------------|--------|
| | PG | HG | SS | |
| 75mm | TUHB075/90PG | TUHB075/90HG | TUHB075/90SS | 0.39 |
| 100mm | TUHB100/90PG | TUHB100/90HG | TUHB100/90SS | 0.48 |
| 150mm | TUHB150/90PG | TUHB150/90HG | TUHB150/90SS | 0.68 |
| 225mm | TUHB225/90PG | TUHB225/90HG | TUHB225/90SS | 1.5 |
| 300mm | TUHB300/90PG | TUHB300/90HG | TUHB300/90SS | 2.09 |
| 450mm | TUHB450/90PG | TUHB450/90HG | TUHB450/90SS | 3.53 |
| 600mm | TUHB600/90PG | TUHB600/90HG | TUHB600/90SS | 5.31 |
| 750mm | TUHB750/90PG | TUHB750/90HG | TUHB750/90SS | 11.1 |
| 900mm | TUHB900/90PG | TUHB900/90HG | TUHB900/90SS | 14.69 |

Equal Cross

Atkore Unistrut Equal Crosses

Light Duty Equal Cross (17mm)

| Size (W) | Part No. | | | Weight kg |
|----------|-----------|-----------|-----------|-----------|
| | PG | HG | SS | |
| 50mm | TULX050PG | TULX050HG | TULX050SS | 0.17 |
| 75mm | TULX075PG | TULX075HG | TULX075SS | 0.26 |
| 100mm | TULX100PG | TULX100HG | TULX100SS | 0.36 |
| 150mm | TULX150PG | TULX150HG | TULX150SS | 0.62 |
| 225mm | TULX225PG | TULX225HG | TULX225SS | 1.05 |
| 300mm | TULX300PG | TULX300HG | TULX300SS | 2.23 |
| 450mm | TULX450PG | TULX450HG | TULX450SS | 4.16 |
| 600mm | TULX600PG | TULX600HG | TULX600SS | 6.75 |
| 750mm | TULX750PG | TULX750HG | TULX750SS | 9.95 |
| 900mm | TULX900PG | TULX900HG | TULX900SS | 13.77 |



Sold as Individual

Unequal Crosses are available upon request

Product image may vary dependant on duty of fitting, finish and size.

Medium Duty Equal Cross (25mm)

| Size (W) | Part No. | | | Weight kg |
|----------|-----------|-----------|-----------|-----------|
| | PG | HG | SS | |
| 50mm | TUMX050PG | TUMX050HG | TUMX050SS | 0.64 |
| 75mm | TUMX075PG | TUMX075HG | TUMX075SS | 0.68 |
| 100mm | TUMX100PG | TUMX100HG | TUMX100SS | 0.81 |
| 150mm | TUMX150PG | TUMX150HG | TUMX150SS | 1.15 |
| 225mm | TUMX225PG | TUMX225HG | TUMX225SS | 1.70 |
| 300mm | TUMX300PG | TUMX300HG | TUMX300SS | 3.28 |
| 450mm | TUMX450PG | TUMX450HG | TUMX450SS | 5.47 |
| 600mm | TUMX600PG | TUMX600HG | TUMX600SS | 8.14 |
| 750mm | TUMX750PG | TUMX750HG | TUMX750SS | 13.38 |
| 900mm | TUMX900PG | TUMX900HG | TUMX900SS | 17.45 |

Extra Heavy Duty Equal Cross (100mm)

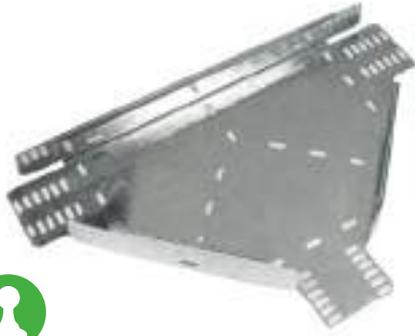
| Size (W) | Part No. | | | Weight kg |
|----------|------------|------------|------------|-----------|
| | PG | HG | SS | |
| 100mm | TUEHX100PG | TUEHX100HG | TUEHX100SS | 1.56 |
| 150mm | TUEHX150PG | TUEHX150HG | TUEHX150SS | 1.92 |
| 225mm | TUEHX225PG | TUEHX225HG | TUEHX225SS | 2.40 |
| 300mm | TUEHX300PG | TUEHX300HG | TUEHX300SS | 3.30 |
| 450mm | TUEHX450PG | TUEHX450HG | TUEHX450SS | 6.50 |
| 600mm | TUEHX600PG | TUEHX600HG | TUEHX600SS | - |
| 750mm | TUEHX750PG | TUEHX750HG | TUEHX750SS | - |
| 900mm | TUEHX900PG | TUEHX900HG | TUEHX900SS | 18.15 |

Heavy Duty Equal Cross (50mm)

| Size (W) | Part No. | | | Weight kg |
|----------|-----------|-----------|-----------|-----------|
| | PG | HG | SS | |
| 75mm | TUHX075PG | TUHX075HG | TUHX075SS | 0.83 |
| 100mm | TUHX100PG | TUHX100HG | TUHX100SS | 0.96 |
| 150mm | TUHX150PG | TUHX150HG | TUHX150SS | 1.30 |
| 225mm | TUHX225PG | TUHX225HG | TUHX225SS | 2.01 |
| 300mm | TUHX300PG | TUHX300HG | TUHX300SS | 3.45 |
| 450mm | TUHX450PG | TUHX450HG | TUHX450SS | 5.64 |
| 600mm | TUHX600PG | TUHX600HG | TUHX600SS | 8.31 |
| 750mm | TUHX750PG | TUHX750HG | TUHX750SS | 13.65 |
| 900mm | TUHX900PG | TUHX900HG | TUHX900SS | 17.64 |

Equal Tee

Atkore Unistrut Equal Tees



Sold as Individual

Unequal Crosses are available upon request

Product image may vary dependant on duty of fitting, finish and size.

Light Duty Equal Tee (17mm)

| Size (W) | Part No. | | | Weight |
|----------|-----------|-----------|-----------|--------|
| | PG | HG | SS | |
| | | | | kg |
| 50mm | TULT050PG | TULT050HG | TULT050SS | 0.12 |
| 75mm | TULT075PG | TULT075HG | TULT075SS | 0.2 |
| 100mm | TULT100PG | TULT100HG | TULT100SS | 0.29 |
| 150mm | TULT150PG | TULT150HG | TULT150SS | 0.49 |
| 225mm | TULT225PG | TULT225HG | TULT225SS | 0.87 |
| 300mm | TULT300PG | TULT300HG | TULT300SS | 1.94 |
| 450mm | TULT450PG | TULT450HG | TULT450SS | 3.91 |
| 600mm | TULT600PG | TULT600HG | TULT600SS | 6.42 |
| 750mm | TULT750PG | TULT750HG | TULT750SS | 9.56 |
| 900mm | TULT900PG | TULT900HG | TULT900SS | 13.31 |

Extra Heavy Duty Equal Tee (100mm)

| Size (W) | Part No. | | | Weight |
|----------|------------|------------|------------|--------|
| | PG | HG | SS | |
| | | | | kg |
| 75mm | TUEHT075PG | TUEHT075HG | TUEHT075SS | - |
| 100mm | TUEHT100PG | TUEHT100HG | TUEHT100SS | 1.78 |
| 150mm | TUEHT150PG | TUEHT150HG | TUEHT150SS | - |
| 225mm | TUEHT225PG | TUEHT225HG | TUEHT225SS | 2.96 |
| 300mm | TUEHT300PG | TUEHT300HG | TUEHT300SS | 3.80 |
| 450mm | TUEHT450PG | TUEHT450HG | TUEHT450SS | 4.60 |
| 600mm | TUEHT600PG | TUEHT600HG | TUEHT600SS | 7.70 |
| 750mm | TUEHT750PG | TUEHT750HG | TUEHT750SS | - |
| 900mm | TUEHT900PG | TUEHT900HG | TUEHT900SS | 19.2 |

Medium Duty Equal Tee (25mm)

| Size (W) | Part No. | | | Weight |
|----------|-----------|-----------|-----------|--------|
| | PG | HG | SS | |
| | | | | kg |
| 50mm | TUMT050PG | TUMT050HG | TUMT050SS | 0.41 |
| 75mm | TUMT075PG | TUMT075HG | TUMT075SS | 0.51 |
| 100mm | TUMT100PG | TUMT100HG | TUMT100SS | 0.63 |
| 150mm | TUMT150PG | TUMT150HG | TUMT150SS | 0.92 |
| 225mm | TUMT225PG | TUMT225HG | TUMT225SS | 1.38 |
| 300mm | TUMT300PG | TUMT300HG | TUMT300SS | 2.02 |
| 450mm | TUMT450PG | TUMT450HG | TUMT450SS | 3.35 |
| 600mm | TUMT600PG | TUMT600HG | TUMT600SS | 4.93 |
| 750mm | TUMT750PG | TUMT750HG | TUMT750SS | 12.20 |
| 900mm | TUMT900PG | TUMT900HG | TUMT900SS | 18.65 |

Extra Extra Heavy Duty Equal Tee (150mm)

| Size (W) | Part No. | | | Weight |
|----------|------------|------------|------------|--------|
| | PG | HG | SS | |
| | | | | kg |
| 75mm | TUXHT075PG | TUXHT075HG | TUXHT075SS | - |
| 100mm | TUXHT100PG | TUXHT100HG | TUXHT100SS | - |
| 150mm | TUXHT150PG | TUXHT150HG | TUXHT150SS | - |
| 225mm | TUXHT225PG | TUXHT225HG | TUXHT225SS | 2.50 |
| 300mm | TUXHT300PG | TUXHT300HG | TUXHT300SS | 3.10 |
| 450mm | TUXHT450PG | TUXHT450HG | TUXHT450SS | 4.70 |
| 600mm | TUXHT600PG | TUXHT600HG | TUXHT600SS | 7.30 |
| 750mm | TUXHT750PG | TUXHT750HG | TUXHT750SS | - |
| 900mm | TUXHT900PG | TUXHT900HG | TUXHT900SS | - |

Heavy Duty Equal Tee (50mm)

| Size (W) | Part No. | | | Weight |
|----------|-----------|-----------|-----------|--------|
| | PG | HG | SS | |
| | | | | kg |
| 75mm | TUHT075PG | TUHT075HG | TUHT075SS | 0.83 |
| 100mm | TUHT100PG | TUHT100HG | TUHT100SS | 0.96 |
| 150mm | TUHT150PG | TUHT150HG | TUHT150SS | 1.30 |
| 225mm | TUHT225PG | TUHT225HG | TUHT225SS | 2.01 |
| 300mm | TUHT300PG | TUHT300HG | TUHT300SS | 3.45 |
| 450mm | TUHT450PG | TUHT450HG | TUHT450SS | 5.64 |
| 600mm | TUHT600PG | TUHT600HG | TUHT600SS | 8.31 |
| 750mm | TUHT750PG | TUHT750HG | TUHT750SS | 13.65 |
| 900mm | TUHT900PG | TUHT900HG | TUHT900SS | 17.64 |

Adjustable Risers

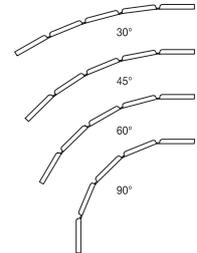
Atkore Unistrut Risers



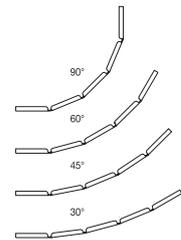
**Sold as
Individual**

Product image may vary dependant on duty of fitting, finish and size.

**Used as outside
riser:**



**Used as inside
riser:**



Adjustable Risers (Light & Medium)

| Size (W) | Part No. | | | Weight |
|----------|------------|------------|------------|--------|
| | PG | HG | SS | |
| 50mm | TUMAR050PG | TUMAR050HG | TUMAR050SS | 0.18 |
| 75mm | TUMAR075PG | TUMAR075HG | TUMAR075SS | 0.24 |
| 100mm | TUMAR100PG | TUMAR100HG | TUMAR100SS | 0.31 |
| 150mm | TUMAR150PG | TUMAR150HG | TUMAR150SS | 0.43 |
| 225mm | TUMAR225PG | TUMAR225HG | TUMAR225SS | 0.63 |
| 300mm | TUMAR300PG | TUMAR300HG | TUMAR300SS | 0.81 |
| 450mm | TUMAR450PG | TUMAR450HG | TUMAR450SS | 1.20 |
| 600mm | TUMAR600PG | TUMAR600HG | TUMAR600SS | 2.47 |
| 750mm | TUMAR750PG | TUMAR750HG | TUMAR750SS | 3.19 |
| 900mm | TUMAR900PG | TUMAR900HG | TUMAR900SS | 4.01 |

Compatible with both Light and Medium cable trays

Adjustable Risers (Heavy)

| Size (W) | Part No. | | | Weight |
|----------|------------|------------|------------|--------|
| | PG | HG | SS | |
| 75mm | TUHAR075PG | TUHAR075HG | TUHAR075SS | 0.34 |
| 100mm | TUHAR100PG | TUHAR100HG | TUHAR100SS | 0.40 |
| 150mm | TUHAR150PG | TUHAR150HG | TUHAR150SS | 0.53 |
| 225mm | TUHAR225PG | TUHAR225HG | TUHAR225SS | 0.72 |
| 300mm | TUHAR300PG | TUHAR300HG | TUHAR300SS | 0.90 |
| 450mm | TUHAR450PG | TUHAR450HG | TUHAR450SS | 1.29 |
| 600mm | TUHAR600PG | TUHAR600HG | TUHAR600SS | 1.68 |
| 750mm | TUHAR750PG | TUHAR750HG | TUHAR750SS | 3.34 |
| 900mm | TUHAR900PG | TUHAR900HG | TUHAR900SS | 4.16 |

Fixed Risers

Atkore Unistrut Risers

Fixed Inside Riser (IR)



Fixed Outside Riser (OR)



Fixed Risers (Heavy)

| Size (W) | Part Code (Inside) | Part Code (Outside) | Weight |
|----------|--------------------|---------------------|--------|
| | HG | HG | kg |
| 75mm | TUHIR075HG | TUHOR075HG | 0.41 |
| 100mm | TUHIR100HG | TUHOR100HG | 0.48 |
| 150mm | TUHIR150HG | TUHOR150HG | 0.64 |
| 225mm | TUHIR225HG | TUHOR225HG | 0.86 |
| 300mm | TUHIR300HG | TUHOR300HG | 1.08 |
| 450mm | TUHIR450HG | TUHOR450HG | 1.29 |
| 600mm | TUHIR600HG | TUHOR600HG | 1.68 |
| 750mm | TUHIR750HG | TUHOR750HG | 2.02 |
| 900mm | TUHAR900HG | X | 4.99 |

Atkore Unistrut Reducers

Product image may vary dependent on duty of fitting, finish and size.



Sold as Individual



Cable Tray

Light Cable Tray Reducer

| Width | 50mm | 75mm | 100mm | 150mm | 225mm | 300mm | 450mm | 600mm | 750mm | 900mm |
|-------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| 50mm | | TULSR075/050 | TULSR150/050 | TULSR150/050 | | | | | | |
| 75mm | TULSR075/050 | | TULSR100/075 | TULSR150/075 | TULSR225/075 | | | | | |
| 100mm | TULSR100/050 | TULSR100/075 | | TULSR150/100 | TULSR225/100 | TULSR300/100 | TULSR450/100 | | | |
| 150mm | TULSR150/050 | TULSR150/075 | TULSR150/100 | | TULSR225/150 | TULSR300/150 | TULSR450/150 | TULSR600/150 | | |
| 225mm | | TULSR225/075 | TULSR225/100 | TULSR225/150 | | TULSR300/225 | TULSR450/225 | TULSR600/225 | TULSR750/225 | |
| 300mm | | | TULSR300/100 | TULSR300/150 | TULSR300/225 | | TULSR450/300 | TULSR600/300 | TULSR750/300 | TULSR900/300 |
| 450mm | | | TULSR450/100 | TULSR450/150 | TULSR450/225 | TULSR450/300 | | TULSR600/450 | TULSR750/450 | TULSR900/450 |
| 600mm | | | | TULSR600/150 | TULSR600/225 | TULSR600/300 | TULSR600/450 | | TULSR750/600 | TULSR900/600 |
| 750mm | | | | | TULSR750/225 | TULSR750/300 | TULSR750/450 | TULSR750/600 | | TULSR900/750 |
| 900mm | | | | | | TULSR900/300 | TULSR900/450 | TULSR900/600 | TULSR900/750 | |

Medium Cable Tray Reducer

| Width | 50mm | 75mm | 100mm | 150mm | 225mm | 300mm | 450mm | 600mm | 750mm | 900mm |
|-------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| 50mm | | TUMSR075/050 | TUMSR150/050 | TUMSR150/050 | | | | | | |
| 75mm | TUMSR075/050 | | TUMSR100/075 | TUMSR150/075 | TUMSR225/075 | | | | | |
| 100mm | TUMSR100/050 | TUMSR100/075 | | TUMSR150/100 | TUMSR225/100 | TUMSR300/100 | TUMSR450/100 | | | |
| 150mm | TUMSR150/050 | TUMSR150/075 | TUMSR150/100 | | TUMSR225/150 | TUMSR300/150 | TUMSR450/150 | TUMSR600/150 | | |
| 225mm | | TUMSR225/075 | TUMSR225/100 | TUMSR225/150 | | TUMSR300/225 | TUMSR450/225 | TUMSR600/225 | TUMSR750/225 | |
| 300mm | | | TUMSR300/100 | TUMSR300/150 | TUMSR300/225 | | TUMSR450/300 | TUMSR600/300 | TUMSR750/300 | TUMSR900/300 |
| 450mm | | | TUMSR450/100 | TUMSR450/150 | TUMSR450/225 | TUMSR450/300 | | TUMSR600/450 | TUMSR750/450 | TUMSR900/450 |
| 600mm | | | | TUMSR600/150 | TUMSR600/225 | TUMSR600/300 | TUMSR600/450 | | TUMSR750/600 | TUMSR900/600 |
| 750mm | | | | | TUMSR750/225 | TUMSR750/300 | TUMSR750/450 | TUMSR750/600 | | TUMSR900/750 |
| 900mm | | | | | | TUMSR900/300 | TUMSR900/450 | TUMSR900/600 | TUMSR900/750 | |

Heavy Cable Tray Reducer

| Width | 50mm | 75mm | 100mm | 150mm | 225mm | 300mm | 450mm | 600mm | 750mm | 900mm |
|-------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| 50mm | | TUHSR075/050 | TUHSR150/050 | TUHSR150/050 | | | | | | |
| 75mm | TUHSR075/050 | | TUHSR100/075 | TUHSR150/075 | TUHSR225/075 | | | | | |
| 100mm | TUHSR100/050 | TUHSR100/075 | | TUHSR150/100 | TUHSR225/100 | TUHSR300/100 | TUHSR450/100 | | | |
| 150mm | TUHSR150/050 | TUHSR150/075 | TUHSR150/100 | | TUHSR225/150 | TUHSR300/150 | TUHSR450/150 | TUHSR600/150 | | |
| 225mm | | TUHSR225/075 | TUHSR225/100 | TUHSR225/150 | | TUHSR300/225 | TUHSR450/225 | TUHSR600/225 | TUHSR750/225 | |
| 300mm | | | TUHSR300/100 | TUHSR300/150 | TUHSR300/225 | | TUHSR450/300 | TUHSR600/300 | TUHSR750/300 | TUHSR900/300 |
| 450mm | | | TUHSR450/100 | TUHSR450/150 | TUHSR450/225 | TUHSR450/300 | | TUHSR600/450 | TUHSR750/450 | TUHSR900/450 |
| 600mm | | | | TUHSR600/150 | TUHSR600/225 | TUHSR600/300 | TUHSR600/450 | | TUHSR750/600 | TUHSR900/600 |
| 750mm | | | | | TUHSR750/225 | TUHSR750/300 | TUHSR750/450 | TUHSR750/600 | | TUHSR900/750 |
| 900mm | | | | | | TUHSR900/300 | TUHSR900/450 | TUHSR900/600 | TUHSR900/750 | |

Example: A 600mm Wide to 300mm Wide Cable Tray Reducer in Hot Galvanised Finish would be TULSR600/300HG

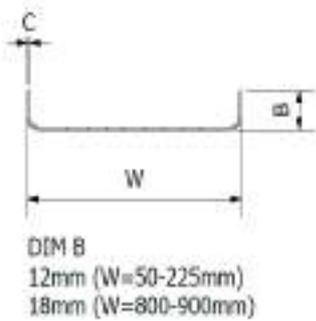
Sizes, Angles & Codes

Atkore Unistrut Part Code Guide

Atkore Unistrut fittings come in a wide variety of widths, radii and angles (where appropriate). Many of these are standard factory items and the rest are available upon request.

Unless specified, figures are in millimetres (mm)

Light Duty



Medium Duty



Heavy Duty



| Code | Width |
|------|-------|
| 050 | 50mm |
| 075 | 75mm |
| 100 | 100mm |
| 150 | 150mm |
| 225 | 225mm |
| 300 | 300mm |
| 450 | 450mm |
| 600 | 600mm |
| 750 | 750mm |
| 900 | 900mm |

Angles (D) - Fittings Only

| Code | Angle |
|------|-------|
| 30 | 30 |
| 45 | 45 |
| 60 | 60 |
| 90 | 90 |

Thickness (C) - Fittings Only

| Code | Thickness |
|------|-----------|
| 0.80 | 0.80mm |
| 1.20 | 1.20mm |
| 2.00 | 2.00mm |

Cable Tray Accessories

The complete range of Cable Tray
from Atkore Unistrut



Couplers & Splices

Atkore Unistrut Couplers & Splices

Fish Plate (For Light Duty Cable Tray)



Sold as Individual

| Size (W) | Part No. | | |
|----------|------------|------------|------------|
| | PG | HG | SS |
| mm | | | |
| 45 | TULFP050PG | TULFP050HG | TULFP050SS |
| 70 | TULFP075PG | TULFP075HG | TULFP075SS |
| 100 | TULFP100PG | TULFP100HG | TULFP100SS |
| 150 | TULFP150PG | TULFP150HG | TULFP150SS |
| 225 | TULFP225PG | TULFP225HG | TULFP225SS |
| 300 | TULFP300PG | TULFP300HG | TULFP300SS |
| 450 | TULFP450PG | TULFP450HG | TULFP450SS |
| 600 | TULFP600PG | TULFP600HG | TULFP600SS |
| 750 | TULFP750PG | TULFP750HG | TULFP750SS |
| 900 | TULFP900PG | TULFP900HG | TULFP900SS |

Straight Splice

Wrap Over Splice



Sold as Pair



Sold as Pair

For Medium or Heavy Duty Cable Tray

| Type | Finish | | |
|-------------------|-----------|-----------|-----------|
| | PG | HG | SS |
| Medium | TUM/SCPG | TUM/SCHG | TUMSC/SS |
| Heavy | TUH/SCPG | TUH/SCHG | TUHSC/SS |
| Extra Heavy | TUEH/SCPG | TUEH/SCHG | TUEHSC/SS |
| Extra Extra Heavy | TUXH/SCPG | TUXH/SCHG | TUXHSC/SS |

For Medium or Heavy Duty Cable Tray

| Type | Finish | | |
|-------------------|-----------|-----------|-----------|
| | PG | HG | SS |
| Medium | TUM/WCPG | TUM/WCHG | TUM/WCSS |
| Heavy | TUH/WCPG | TUH/WCHG | TUH/WCSS |
| Extra Heavy | TUEH/WCPG | TUEH/WCHG | TUEH/WCSS |
| Extra Extra Heavy | TUXH/WCPG | TUXH/WCHG | TUXH/WCSS |

Atkore Unistrut Cable Tray Covers

| Size (W) | | | | Length |
|----------|------------|------------|------------|--------|
| mm | HG | SS | PG | |
| 50 | TUHL050/HG | TUHL050/SS | TUHL050/PG | 3m |
| 75 | TUHL075/HG | TUHL075/SS | TUHL075/PG | 3m |
| 100 | TUHL100/HG | TUHL100/SS | TUHL100/PG | 3m |
| 150 | TUHL150/HG | TUHL150/SS | TUHL150/PG | 3m |
| 225 | TUHL225/HG | TUHL225/SS | TUHL225/PG | 3m |
| 300 | TUHL300/HG | TUHL300/SS | TUHL300/PG | 3m |
| 450 | TUHL450/HG | TUHL450/SS | TUHL450/PG | 1.5m |
| 600 | TUHL600/HG | TUHL600/SS | TUHL600/PG | 1.5m |
| 750 | TUHL750/HG | TUHL750/SS | TUHL750/PG | 1.5m |
| 900 | TUHL900/HG | TUHL900/SS | TUHL900/PG | 1.5m |



Sold as Individual

A cover for every fitting

Atkore Unistrut have custom fit covers for the entire range of lengths and fittings and can provide custom sizes if required for unique jobs. These are available upon demand.

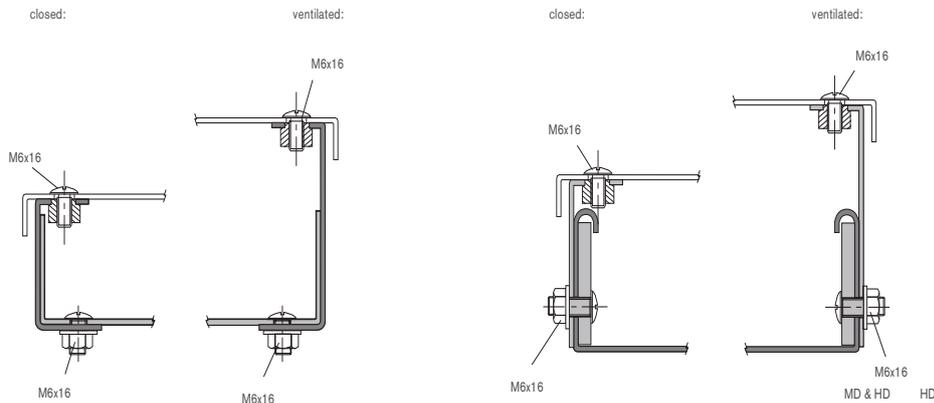
Ventilated Cover Clips

In addition to covers Atkore Unistrut also supply separately, the ventilated fitting equipment as detailed :

| Part No. | Type | Duty | Finish |
|----------|------------|--------|-----------------------------------|
| | | | Stainless Steel or Hot Galvanised |
| TUCM/VC | Ventilated | Medium | SS or HG |
| TUCM/CC | Closed | Medium | SS or HG |
| TUCH/VC | Ventilated | Heavy | SS or HG |
| TUCH/CC | Closed | Heavy | SS or HG |

1.5m cover requires
4 cover clips

3m cover requires
6 cover clips



Cable Tray L



Cable Tray M & Cable Tray H



Other Accessories

Atkore Unistrut Cable Tray Accessories

Dividers



Sold as Individual

| Duty | Finish | | |
|--------|----------|----------|----------|
| | PG | HG | SS |
| Medium | TUM/SDPG | TUMSD/HG | TUMSD/SS |
| Heavy | TUH/SDPG | TUHSD/HG | TUHSD/SS |

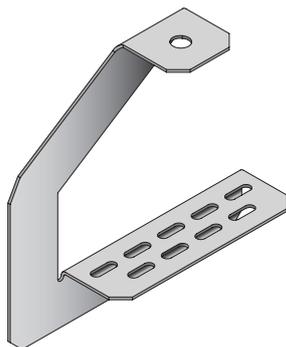
Earth Continuity Connector



Sold as Individual

| Size (L) | Part No. | Weight |
|----------|----------|--------|
| 100mm | EB100 | 0.87 |

Overhead Cantilever Bracket



Sold as Individual

| Part no. | Qty | Finish |
|----------|-----|--------|
| OCBL050 | 1 | PG |
| OCBL075 | 1 | PG |
| OCBL100 | 1 | PG |
| OCBL150 | 1 | PG |
| OCBL225 | 1 | PG |
| OCBL300 | 1 | PG |

Stand off Brackets

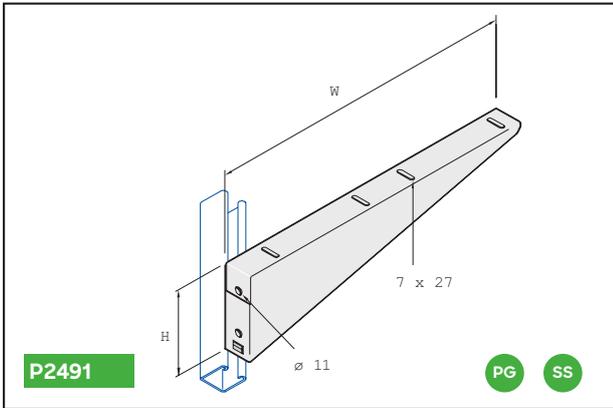


Sold as Individual

| Part no. | Qty | Finish |
|------------|-----|--------|
| TUTSB050PG | 1 | PG |
| TUTSB075PG | 1 | PG |
| TUTSB100PG | 1 | PG |
| TUTSB150PG | 1 | PG |
| TUTSB225PG | 1 | PG |
| TUTSB300PG | 1 | PG |

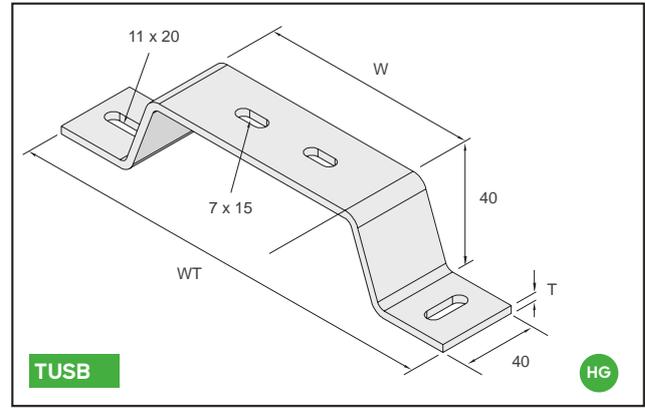
Atkore Unistrut Cable Tray Brackets

Traying Arms



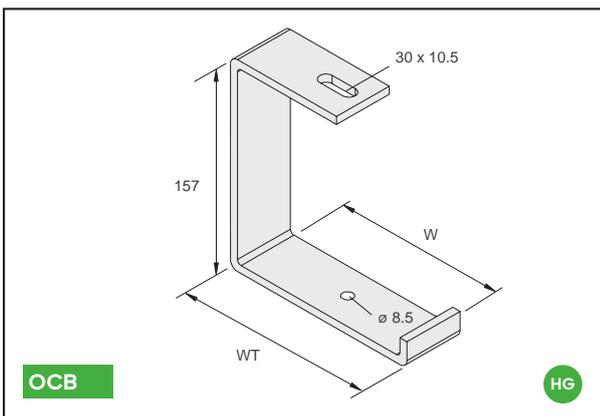
| Part No. | Finishes | | W mm | H mm | Fmax Kn | W | Icon |
|-----------|----------|----|---------|---------|------------|------|------|
| | PG | SS | | | | | |
| P2491/100 | • | • | 105 | 63 | 1.6 | 0.20 | 1 |
| P2491/150 | • | • | 155 | 63 | 1.6 | 0.28 | 1 |
| P2491/225 | • | • | 230 | 75 | 1.5 | 0.42 | 1 |
| P2491/300 | • | • | 305 | 87 | 1.4 | 0.60 | 1 |
| P2491/450 | • | • | 455 | 125 | 1.1 | 1.07 | 1 |
| P2491/600 | • | • | 605 | 164 | 1.0 | 1.63 | 1 |

Heavy Duty Tray Stand Off Bracket



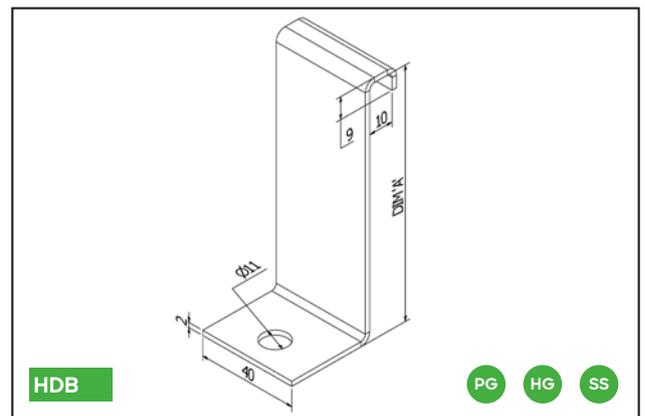
| Part No. | Finishes HG | W mm | WT mm | T mm | W | Icon |
|----------|----------------|---------|----------|---------|------|------|
| | | | | | | |
| TUSB075 | • | 75 | 179 | 3 | 0.20 | 1 |
| TUSB100 | • | 100 | 204 | 3 | 0.23 | 1 |
| TUSB150 | • | 150 | 254 | 3 | 0.28 | 1 |
| TUSB225 | • | 225 | 329 | 5 | 0.56 | 1 |
| TUSB300 | • | 300 | 404 | 5 | 0.68 | 1 |
| TUSB450 | • | 450 | 554 | 5 | 0.91 | 1 |
| TUSB600 | • | 600 | 704 | 5 | 1.15 | 1 |

G-Type Hanging Bracket



| Part No. | Finishes HG | W mm | WT mm | W | Icon |
|----------|----------------|---------|----------|------|------|
| | | | | | |
| OCB100 | • | 105 | 117 | 0.73 | 1 |
| OCB150 | • | 155 | 167 | 0.89 | 1 |
| OCB225 | • | 230 | 242 | 1.14 | 1 |
| OCB300 | • | 305 | 317 | 1.38 | 1 |

Hold Down Bracket



| Part No. | Finishes | | | W mm | H mm | W | Icon |
|----------|----------|----|----|---------|---------|------|------|
| | HG | PG | SS | | | | |
| TUEH/HDB | • | | | 40 | 100.5 | 0.09 | 1 |
| TUEH/HDB | | • | | 40 | 100.5 | 0.09 | 1 |
| TUEH/HDB | | | • | 40 | 100.5 | 0.11 | 1 |
| TUH/HDB | • | | | 40 | 50.5 | 0.06 | 1 |
| TUH/HDB | | • | | 40 | 50.5 | 0.06 | 1 |
| TUH/HDB | | | • | 40 | 50.5 | 0.07 | 1 |
| TUM/HDB | • | | | 40 | 25.5 | 0.05 | 1 |
| TUM/HDB | | • | | 40 | 25.5 | 0.05 | 1 |
| TUM/HDB | | | • | 40 | 25.5 | 0.06 | 1 |

Stated loadings apply to mild steel products only.

Cable Trays - Information

Atkore Unistrut Cable Tray Information

Materials and Finishes

Pre-Galvanised [PG]

Cable Trays, brackets and fittings can be Pre-Galvanised. Pre-Galvanising is to BS EN 10346 2009 (Coating Z275).

Hot-Dip Galvanised [HG]

Cable Trays, brackets, cantilever arms and fittings can be Hot-Dip Galvanised in accordance with BS EN ISO1461:2009 and chromate passivated.

The minimum average Zinc Coating is as follows:

- Cold rolled from 1.5mm Steel - 55 microns
- Fittings spun galvanised - 45 microns

Stainless Steel [SS]

- Stainless Steel 1.4301 (304)
- Stainless Steel 1.4404 (316L)
- Cleaned (Pickled & Passivated)

Applying a pickling process to stainless steel results in a clean product and it also removes any heat discoloration that has occurred in the welding process.

SPECIAL COATINGS AND MATERIAL GRADES ARE AVAILABLE ON REQUEST

Certification and Quality Standards

ISO 9001 - Quality system certification

ISO 14001 - Environment certification

ISO45001 - Health and safety certification

Useful Cross Section - Unistrut Tray

Light Duty (L)

| Width | Useful cross section |
|-------|----------------------|
| mm | (cm ²) |
| 50 | 5.4 |
| 75 | 8.1 |
| 100 | 10.9 |
| 150 | 16.6 |
| 225 | 24.9 |
| 300 | 49.9 |
| 450 | 75.1 |
| 600 | 95.3 |
| 750 | 119.3 |
| 900 | 143.3 |

Medium Duty (M-25)

| Width | Useful cross section |
|-------|----------------------|
| mm | (cm ²) |
| 50 | 11.4 |
| 75 | 17.4 |
| 100 | 23.5 |
| 150 | 35.6 |
| 225 | 53.7 |
| 300 | 70.4 |
| 450 | 106.1 |
| 600 | 141.8 |
| 750 | 171.1 |
| 900 | 205.6 |

Heavy Duty (H-50)

| Width | Useful cross section |
|-------|----------------------|
| mm | (cm ²) |
| 75 | 35.8 |
| 100 | 48.1 |
| 150 | 72.7 |
| 225 | 108.2 |
| 300 | 144.8 |
| 450 | 213.6 |
| 600 | 285.6 |
| 750 | 357.6 |
| 900 | 429.6 |

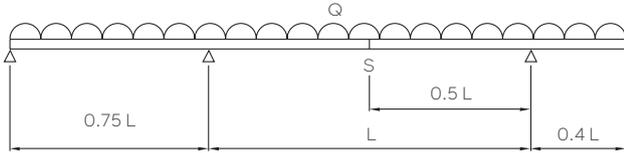
Stated loadings apply to mild steel products only.

Pickle & Passivate is available upon request

Loading Data

Atkore Unistrut Cable Tray Brackets

Loading Data



Load test according to CEI/IEC 61537:2001

Q = UDL (uniformly distributed load)

Safety Factor = 1.7

L = intermediate span

F = deflection = 1/100 of the intermediate span (max.)

S = splice location

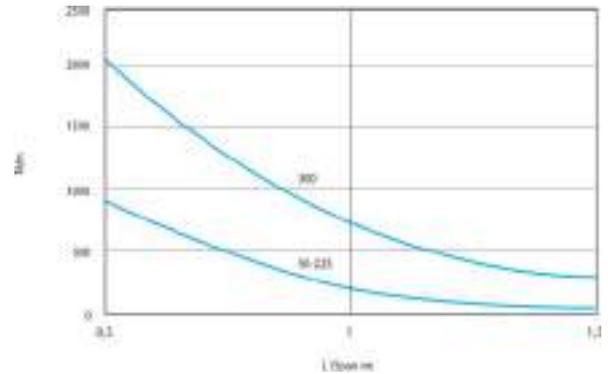
Atkore Unistrut's load testing is in accordance with CEI/IEC 61537:2001. In practical terms this covers continuous/multi span installations, evenly loaded along the length of, and across the full width of the tray. The end spans in these installations should be reduced to 0.75 of the intermediate spans.

Deflection: Atkore Unistrut's load and deflection figures are in accordance with CEI/IEC 61537:2001, with the characteristic deflection of Atkore Unistrut Cable Tray limited to span/100 and load figures inclusive of a safety factor of 1.7.

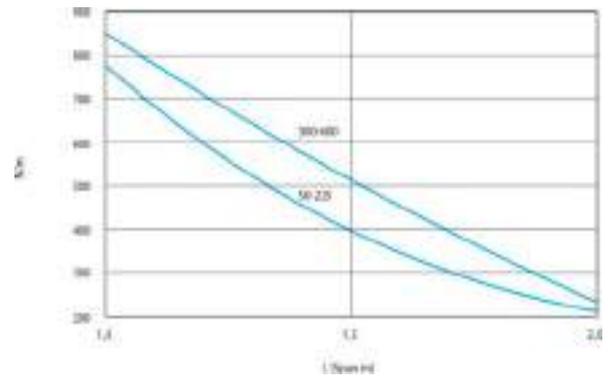
Accessories: To ensure adequate support, accessories should be supported locally.

Couplers: The loading and deflection tables for Atkore Unistrut Cable Tray assume that the couplers are located at the most onerous position within the span (i.e. mid span). To maintain the load/deflection figures stated in the tables, the couplers should not be located in end spans or over support locations. Straight couplers were utilised for the testing of the medium and heavy duty Cable Trays. Only one pair of couplers should be installed per span.

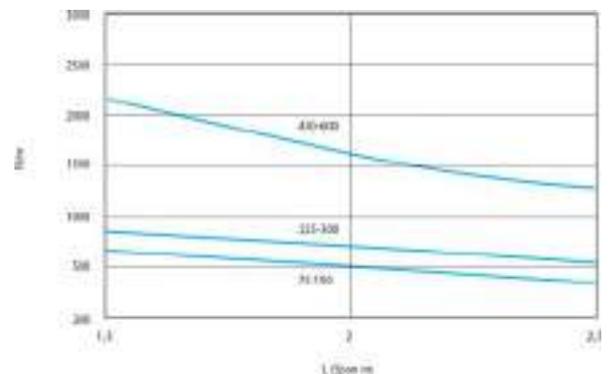
Light Duty Cable Tray



Medium Duty Cable Tray

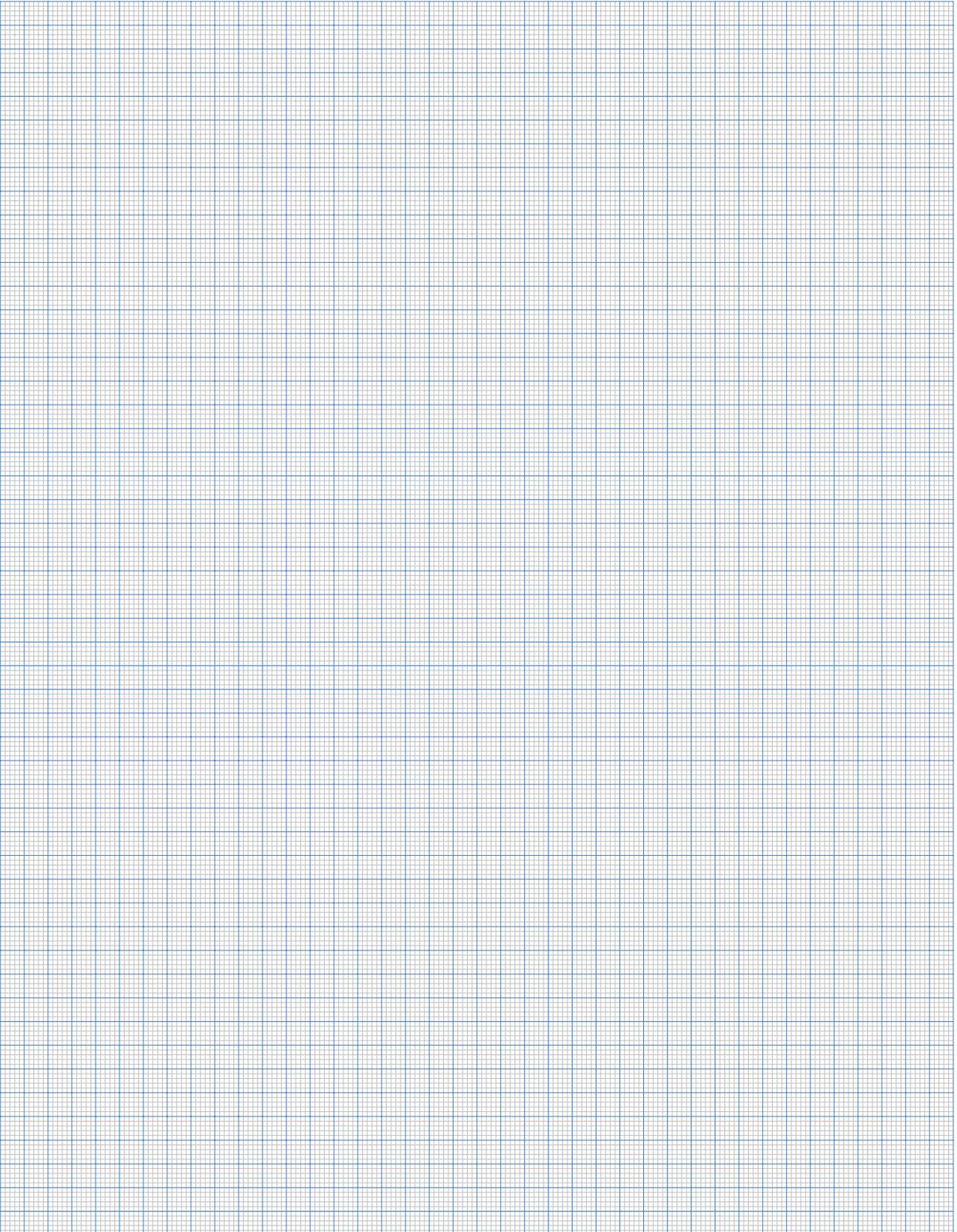


Heavy Duty Cable Tray



Notes

0.5cm x 0.5cm



Cable Tray

Cable Ladder

The complete range of Cable Ladder
from Atkore Unistrut



CABLE LADDER CONTENTS

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Cable Ladders

Atkore Unistrut Cable Ladder Solutions

Key Features

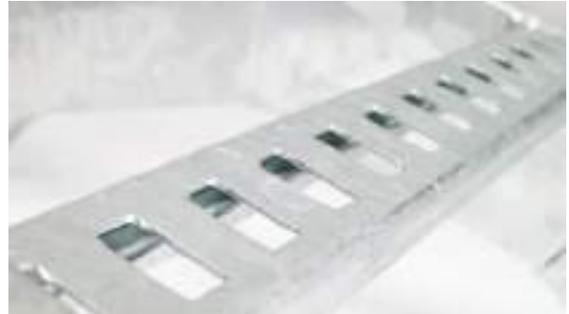
Atkore Unistrut's Cable Ladder systems are renowned around the world for quality and engineering excellence. Wherever severe corrosion conditions are present, or a long maintenance free life is required, Atkore Unistrut's welded steel Cable Ladder systems are the obvious choice. Atkore Unistrut manufactures a complete range of Cable Ladder systems for a wide range of load and span combinations to suit the requirements of almost any installation.

Cable Ladders are selected because of their heavy load carrying capacities and the excellent performance they give in harsh environments where salt spray or salt laden atmosphere, and other mild corrosive materials are present. Applications such as Oil & Gas, Petrochemical, tunnels, port facilities and anything else you can imagine.

Supplied in **medium**, **heavy** and **extra heavy duty** sizes.

Available in standard finishes of [PG] Pre-Galvanised, [HG] Hot-Dip Galvanised and [SS] Stainless Steel, but also Specialist Finishes are available on request.

Engineered to maximise long span runs where support installation is limited.



Tables & Keys

Cable Ladder Tables & Keys Guide

Material Finish (Straights and Fittings)

| Finish | Code |
|-----------------------|------|
| Pre-Galvanised | PG |
| Hot Dipped Galvanised | HG |
| Stainless Steel | SS |



Icon Key - Features



Including Fitments



Sold as Pair



Sold as Individual

Width and Angle Codes

| Standard Widths (W) | | By Request | Radii (R) | | Angles (D) | | By Request |
|---------------------|--------|------------|-----------|--------|------------|-------|------------|
| Code | Width | | Code | Width | Width | Angle | |
| 10 | 100mm | By Request | 30 | 300mm* | 30 | 30 | By Request |
| 15 | 150mm | | 45 | 450mm | 45 | 45 | |
| 20 | 200mm | By Request | 60 | 600mm | 60 | 60 | By Request |
| 30 | 300mm | | 75 | 750mm | 90 | 90 | |
| 40 | 400mm | By Request | 90 | 900mm | | | |
| 45 | 450mm | | | | | | |
| 50 | 500mm | By Request | | | | | |
| 60 | 600mm | | | | | | |
| 70 | 700mm | By Request | | | | | |
| 75 | 750mm | | | | | | |
| 80 | 800mm | By Request | | | | | |
| 90 | 900mm | | | | | | |
| 100 | 1000mm | By Request | | | | | |

*Standard

Atkore Unistrut Cable Ladder Solutions

U10 - Medium Duty

Medium Duty 100mm high cable ladder for the tougher application and complete with a wide range of accessories and fixings to suit.

Available in 3 or 6m lengths with widths from 100 to 1200mm, in [HG] Hot-Dip Galvanised and [SS] Stainless Steel finishes.

Typical loading on with a 3m support span of approx 235kg/m.



U12 - Heavy Duty

Heavy Duty 125mm high cable ladder, designed for applications which require a stronger and more rigid solution, complete with a wide range of accessories and fixings to suit.

Available in 3 or 6m lengths with widths from 100 to 1200mm, in [HG] Hot-Dip Galvanised and [SS] Stainless Steel finishes.

Typical loading on with a 3m support span of approx 357kg/m.

U15 - Extra Heavy Duty

Extra Heavy Duty 150mm high cable ladder intended for use in applications which require additional strengths and reliability. Complete with a wide range of accessories and fittings, the Extra Heavy Duty Cable Ladder is supplied in 3 or 6m lengths and is available in a number of finishes, including [HG] Hot-Dip Galvanised and [SS] Stainless Steel.

Typical loading on with a 3m support span of approx 449kg/m.



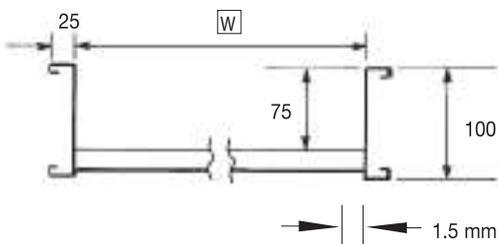
U10 - Medium Duty

Medium Duty Cable Ladder

L3 and L6 Cable Ladder



Metal Framing



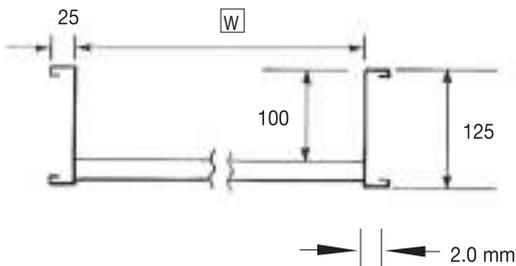
Sold as Individual

| Size (W) mm | U10 L3 (3 metre Length) | | | | U10 L6 (6 metre Length) | | | |
|----------------|-------------------------|-------------|------------|--------------|-------------------------|-------------|------------|--------------|
| | HG | PG | SS | Weight kg | HG | PG | SS | Weight kg |
| 100 | U10L3100H | U10L3100PG | U10L3100S | 13.2 | U10L6100H | U10L6100PG | U10L6100S | 26.53 |
| 150 | U10L3150H | U10L3150PG | U10L3150S | 13.8 | U10L6150H | U10L6150PG | U10L6150S | 27.67 |
| 200 | U10L3200H | U10L3200PG | U10L3200S | 14.4 | U10L6200H | U10L6200PG | U10L6200S | 28.81 |
| 300 | U10L3300H | U10L3300PG | U10L3300S | 15.55 | U10L6300H | U10L6300PG | U10L6300S | 31.10 |
| 400 | U10L3400H | U10L3400PG | U10L3400S | 16.69 | U10L6400H | U10L6400PG | U10L6400S | 33.39 |
| 450 | U10L3450H | U10L3450PG | U10L3450S | 17.27 | U10L6450H | U10L6450PG | U10L6450S | 34.53 |
| 500 | U10L3500H | U10L3500PG | U10L3500S | 17.84 | U10L6500H | U10L6500PG | U10L6500S | 35.68 |
| 600 | U10L3600H | U10L3600PG | U10L3600S | 18.98 | U10L6600H | U10L6600PG | U10L6600S | 37.97 |
| 700 | U10L3700H | U10L3700PG | U10L3700S | 22.13 | U10L6700H | U10L6700PG | U10L6700S | 44.25 |
| 750 | U10L3750H | U10L3750PG | U10L3750S | 22.84 | U10L6750H | U10L6750PG | U10L6750S | 45.68 |
| 800 | U10L3800H | U10L3800PG | U10L3800S | 23.55 | U10L6800H | U10L6800PG | U10L6800S | 47.11 |
| 900 | U10L3900H | U10L3900PG | U10L3900S | 24.98 | U10L6900H | U10L6900PG | U10L6900S | 49.97 |
| 1000 | U10L31000H | U10L31000PG | U10L31000S | 26.41 | U10L61000H | U10L61000PG | U10L61000S | 52.83 |

U12 - Heavy Duty

Heavy Duty Cable Ladder

L3 and L6 Cable Ladder



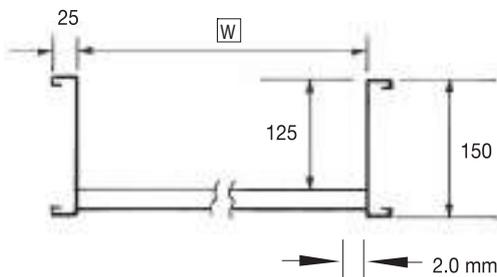
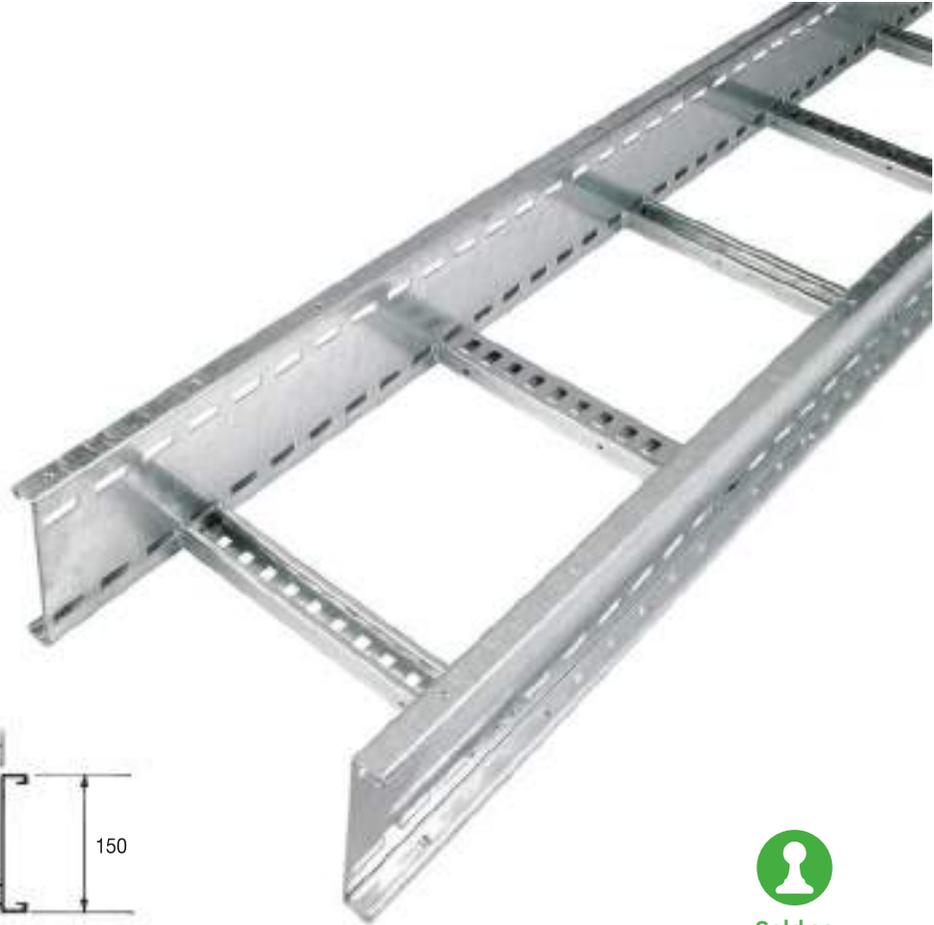
Sold as Individual

| Size (W) mm | U12 L3 (3 metre Length) | | | Weight kg | U12 L6 (6 metre Length) | | | Weight kg |
|----------------|-------------------------|-------------|------------|--------------|-------------------------|-------------|------------|--------------|
| | HG | PG | SS | | HG | PG | SS | |
| 100 | U12L3100H | U12L3100PG | U12L3100S | 18.89 | U12L6100H | U12L6100PG | U12L6100S | 38.22 |
| 150 | U12L3150H | U12L3150PG | U12L3150S | 19.68 | U12L6150H | U12L6150PG | U12L6150S | 39.37 |
| 200 | U12L3200H | U12L3200PG | U12L3200S | 20.25 | U12L6200H | U12L6200PG | U12L6200S | 40.51 |
| 300 | U12L3300H | U12L3300PG | U12L3300S | 21.40 | U12L6300H | U12L6300PG | U12L6300S | 42.80 |
| 400 | U12L3400H | U12L3400PG | U12L3400S | 22.54 | U12L6400H | U12L6400PG | U12L6400S | 44.54 |
| 450 | U12L3450H | U12L3450PG | U12L3450S | 23.11 | U12L6450H | U12L6450PG | U12L6450S | 46.23 |
| 500 | U12L3500H | U12L3500PG | U12L3500S | 23.69 | U12L6500H | U12L6500PG | U12L6500S | 47.38 |
| 600 | U12L3600H | U12L3600PG | U12L3600S | 24.83 | U12L6600H | U12L6600PG | U12L6600S | 49.66 |
| 700 | U12L3700H | U12L3700PG | U12L3700S | 27.97 | U12L6700H | U12L6700PG | U12L6700S | 55.95 |
| 750 | U12L3750H | U12L3750PG | U12L3750S | 28.69 | U12L6750H | U12L6750PG | U12L6750S | 57.28 |
| 800 | U12L3800H | U12L3800PG | U12L3800S | 29.40 | U12L6800H | U12L6800PG | U12L6800S | 58.81 |
| 900 | U12L3900H | U12L3900PG | U12L3900S | 30.83 | U12L6900H | U12L6900PG | U12L6900S | 61.67 |
| 1000 | U12L31000H | U12L31000PG | U12L31000S | 32.26 | U12L61000H | U12L61000PG | U12L61000S | 64.53 |

U15 - Extra Heavy Duty

Extra Heavy Duty Cable Ladder

L3 and L6 Cable Ladder



Sold as Individual

| Size (W) | U15 L3 (3 metre Length) | | | | U15 L6 (6 metre Length) | | | |
|----------|-------------------------|--------------|--------------|--------|-------------------------|--------------|--------------|--------|
| | Product Code | Product Code | Product Code | Weight | Product Code | Product Code | Product Code | Weight |
| mm | HG | PG | SS | kg | HG | PG | SS | kg |
| 100 | U15L3100H | U15L3100PG | U15L3100S | 21.56 | U15L6100H | U15L6100PG | U15L6100S | 42.48 |
| 150 | U15L3150H | U15L3150PG | U15L3150S | 22.14 | U15L6150H | U15L6150PG | U15L6150S | 44.27 |
| 200 | U15L3200H | U15L3200PG | U15L3200S | 22.71 | U15L6200H | U15L6200PG | U15L6200S | 45.42 |
| 300 | U15L3300H | U15L3300PG | U15L3300S | 23.85 | U15L6300H | U15L6300PG | U15L6300S | 47.41 |
| 400 | U15L3400H | U15L3400PG | U15L3400S | 25 | U15L6400H | U15L6400PG | U15L6400S | 49.24 |
| 450 | U15L3450H | U15L3450PG | U15L3450S | 25.57 | U15L6450H | U15L6450PG | U15L6450S | 51.14 |
| 500 | U15L3500H | U15L3500PG | U15L3500S | 26.14 | U15L6500H | U15L6500PG | U15L6500S | 52.28 |
| 600 | U15L3600H | U15L3600PG | U15L3600S | 27.28 | U15L6600H | U15L6600PG | U15L6600S | 54.57 |
| 700 | U15L3700H | U15L3700PG | U15L3700S | 30.43 | U15L6700H | U15L6700PG | U15L6700S | 60.87 |
| 750 | U15L3750H | U15L3750PG | U15L3750S | 31.14 | U15L6750H | U15L6750PG | U15L6750S | 62.29 |
| 800 | U15L3800H | U15L3800PG | U15L3800S | 31.86 | U15L6800H | U15L6800PG | U15L6800S | 63.72 |
| 900 | U15L3900H | U15L3900PG | U15L3900S | 33.29 | U15L6900H | U15L6900PG | U15L6900S | 66.58 |
| 1000 | U15L31000H | U15L31000PG | U15L31000S | 34.72 | U15L61000H | U15L61000PG | U15L61000S | 69.44 |

45° Flat Bend

Cable Ladder Flat Bends



U10 45° Flat Bends

| Size (W) mm | Part No. | | Weight kg |
|----------------|-----------------|-----------------|--------------|
| | HG | SS | |
| 100 | U10FB10/45/30H | U10FB10/45/30S | 1.9 |
| 150 | U10FB15/45/30H | U10FB15/45/30S | 2.1 |
| 200 | U10FB20/45/30H | U10FB20/45/30S | 2.3 |
| 300 | U10FB30/45/30H | U10FB30/45/30S | 2.7 |
| 400 | U10FB40/45/30H | U10FB40/45/30S | 3.1 |
| 450 | U10FB45/45/30H | U10FB45/45/30S | 3.3 |
| 500 | U10FB50/45/30H | U10FB50/45/30S | 3.5 |
| 600 | U10FB60/45/30H | U10FB60/45/30S | 3.9 |
| 700 | U10FB70/45/30H | U10FB70/45/30S | 5.7 |
| 750 | U10FB75/45/30H | U10FB75/45/30S | 6 |
| 800 | U10FB80/45/30H | U10FB80/45/30S | 6.3 |
| 900 | U10FB90/45/30H | U10FB90/45/30S | 6.9 |
| 1000 | U10FB100/45/30H | U10FB100/45/30S | 7.5 |

U12 45° Flat Bends

| Size (W) mm | Part No. | | Weight kg |
|----------------|-----------------|-----------------|--------------|
| | HG | SS | |
| 100 | U12FB10/45/30H | U12FB10/45/30S | 2.7 |
| 150 | U12FB15/45/30H | U12FB15/45/30S | 3 |
| 200 | U12FB20/45/30H | U12FB20/45/30S | 3.2 |
| 300 | U12FB30/45/30H | U12FB30/45/30S | 3.7 |
| 400 | U12FB40/45/30H | U12FB40/45/30S | 4 |
| 450 | U12FB45/45/30H | U12FB45/45/30S | 4.4 |
| 500 | U12FB50/45/30H | U12FB50/45/30S | 4.9 |
| 600 | U12FB60/45/30H | U12FB60/45/30S | 5 |
| 700 | U12FB70/45/30H | U12FB70/45/30S | 6.8 |
| 750 | U12FB75/45/30H | U12FB75/45/30S | 7.2 |
| 800 | U12FB80/45/30H | U12FB80/45/30S | 7.5 |
| 900 | U12FB90/45/30H | U12FB90/45/30S | 8.1 |
| 1000 | U12FB100/45/30H | U12FB100/45/30S | 8.8 |

U15 45° Flat Bends

| Size (W) mm | Part No. | | Weight kg |
|----------------|-----------------|-----------------|--------------|
| | HG | SS | |
| 100 | U15FB10/45/30H | U15FB10/45/30S | 3 |
| 150 | U15FB15/45/30H | U15FB15/45/30S | 3.3 |
| 200 | U15FB20/45/30H | U15FB20/45/30S | 3.5 |
| 300 | U15FB30/45/30H | U15FB30/45/30S | 4 |
| 400 | U15FB40/45/30H | U15FB40/45/30S | 4.2 |
| 450 | U15FB45/45/30H | U15FB45/45/30S | 4.8 |
| 500 | U15FB50/45/30H | U15FB50/45/30S | 5 |
| 600 | U15FB60/45/30H | U15FB60/45/30S | 5.5 |
| 700 | U15FB70/45/30H | U15FB70/45/30S | 7.4 |
| 750 | U15FB75/45/30H | U15FB75/45/30S | 7.7 |
| 800 | U15FB80/45/30H | U15FB80/45/30S | 8.1 |
| 900 | U15FB90/45/30H | U15FB90/45/30S | 8.7 |
| 1000 | U15FB100/45/30H | U15FB100/45/30S | 9.4 |



Sold as Individual

Different radius* available upon request

90° Flat Bend

Cable Ladder Flat Bends



U10 90° Flat Bends

| Size (W) mm | Part No. | | Weight kg |
|----------------|-----------------|-----------------|--------------|
| | HG | SS | |
| 100 | U10FB10/90/30H | U10FB10/90/30S | 3.2 |
| 150 | U10FB15/90/30H | U10FB15/90/30S | 3.5 |
| 200 | U10FB20/90/30H | U10FB20/90/30S | 3.9 |
| 300 | U10FB30/90/30H | U10FB30/90/30S | 4.5 |
| 400 | U10FB40/90/30H | U10FB40/90/30S | 5.7 |
| 450 | U10FB45/90/30H | U10FB45/90/30S | 6.1 |
| 500 | U10FB50/90/30H | U10FB50/90/30S | 6.5 |
| 600 | U10FB60/90/30H | U10FB60/90/30S | 7.3 |
| 700 | U10FB70/90/30H | U10FB70/90/30S | 8.8 |
| 750 | U10FB75/90/30H | U10FB75/90/30S | 10.41 |
| 800 | U10FB80/90/30H | U10FB80/90/30S | 10.93 |
| 900 | U10FB90/90/30H | U10FB90/90/30S | 11.98 |
| 1000 | U10FB100/90/30H | U10FB100/90/30S | 13.05 |

U12 90° Flat Bends

| Size (W) mm | Part No. | | Weight kg |
|----------------|-----------------|-----------------|--------------|
| | HG | SS | |
| 100 | U12FB10/90/30H | U12FB10/90/30S | 4.6 |
| 150 | U12FB15/90/30H | U12FB15/90/30S | 5 |
| 200 | U12FB20/90/30H | U12FB20/90/30S | 5.4 |
| 300 | U12FB30/90/30H | U12FB30/90/30S | 6.3 |
| 400 | U12FB40/90/30H | U12FB40/90/30S | 7.3 |
| 450 | U12FB45/90/30H | U12FB45/90/30S | 8 |
| 500 | U12FB50/90/30H | U12FB50/90/30S | 8.5 |
| 600 | U12FB60/90/30H | U12FB60/90/30S | 9.2 |
| 700 | U12FB70/90/30H | U12FB70/90/30S | 11.2 |
| 750 | U12FB75/90/30H | U12FB75/90/30S | 12.8 |
| 800 | U12FB80/90/30H | U12FB80/90/30S | 13.4 |
| 900 | U12FB90/90/30H | U12FB90/90/30S | 14.6 |
| 1000 | U12FB100/90/30H | U12FB100/90/30S | 15.8 |

U15 90° Flat Bends

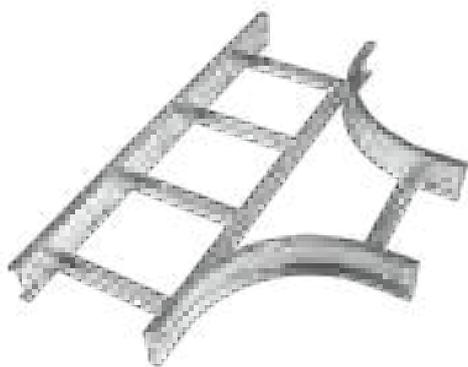
| Size (W) mm | Part No. | | Weight kg |
|----------------|-----------------|-----------------|--------------|
| | HG | SS | |
| 100 | U15FB10/90/30H | U15FB10/90/30S | 5.1 |
| 150 | U15FB15/90/30H | U15FB15/90/30S | 5.5 |
| 200 | U15FB20/90/30H | U15FB20/90/30S | 5.9 |
| 300 | U15FB30/90/30H | U15FB30/90/30S | 6.8 |
| 400 | U15FB40/90/30H | U15FB40/90/30S | 7.7 |
| 450 | U15FB45/90/30H | U15FB45/90/30S | 8.6 |
| 500 | U15FB50/90/30H | U15FB50/90/30S | 9.1 |
| 600 | U15FB60/90/30H | U15FB60/90/30S | 10.1 |
| 700 | U15FB70/90/30H | U15FB70/90/30S | 11.9 |
| 750 | U15FB75/90/30H | U15FB75/90/30S | 13.49 |
| 800 | U15FB80/90/30H | U15FB80/90/30S | 14.11 |
| 900 | U15FB90/90/30H | U15FB90/90/30S | 15.34 |
| 1000 | U15FB100/90/30H | U15FB100/90/30S | 16.58 |



Sold as
Individual

Different radius' available upon request

Cable Ladder Tee



U10 Tee

| Size (W) mm | Part No. | | Weight kg |
|----------------|------------------|------------------|--------------|
| | HG | SS | |
| 100 | U10ET10/10/30H | U10ET10/10/30S | 5.3 |
| 150 | U10ET15/15/30H | U10ET15/15/30S | 5.7 |
| 200 | U10ET20/20/30H | U10ET20/20/30S | 6.1 |
| 300 | U10ET30/30/30H | U10ET30/30/30S | 7.7 |
| 400 | U10ET40/40/30H | U10ET40/40/30S | 8.7 |
| 450 | U10ET45/45/30H | U10ET45/45/30S | 9.2 |
| 500 | U10ET50/50/30H | U10ET50/50/30S | 9.7 |
| 600 | U10ET60/60/30H | U10ET60/60/30S | 10.7 |
| 700 | U10ET70/70/30H | U10ET70/70/30S | 14.2 |
| 750 | U10ET75/75/30H | U10ET75/75/30S | 14.9 |
| 800 | U10ET80/80/30H | U10ET80/80/30S | 15.5 |
| 900 | U10ET90/90/30H | U10ET90/90/30S | 16.9 |
| 1000 | U10ET100/100/30H | U10ET100/100/30S | 17.2 |

U12 Tee

| Size (W) mm | Part No. | | Weight kg |
|----------------|------------------|------------------|--------------|
| | HG | SS | |
| 100 | U12ET10/10/30H | U12ET10/10/30S | 8.2 |
| 150 | U12ET15/15/30H | U12ET15/15/30S | 7.6 |
| 200 | U12ET20/20/30H | U12ET20/20/30S | 8.1 |
| 300 | U12ET30/30/30H | U12ET30/30/30S | 9.7 |
| 400 | U12ET40/40/30H | U12ET40/40/30S | 10.7 |
| 450 | U12ET45/45/30H | U12ET45/45/30S | 11.3 |
| 500 | U12ET50/50/30H | U12ET50/50/30S | 11.8 |
| 600 | U12ET60/60/30H | U12ET60/60/30S | 12.9 |
| 700 | U12ET70/70/30H | U12ET70/70/30S | 16.4 |
| 750 | U12ET75/75/30H | U12ET75/75/30S | 17.1 |
| 800 | U12ET80/80/30H | U12ET80/80/30S | 17.8 |
| 900 | U12ET90/90/30H | U12ET90/90/30S | 19.2 |
| 1000 | U12ET100/100/30H | U12ET100/100/30S | 20.2 |

U15 Tee

| Size (W) mm | Part No. | | Weight kg |
|----------------|------------------|------------------|--------------|
| | HG | SS | |
| 100 | U15ET10/10/30H | U15ET10/10/30S | 8.1 |
| 150 | U15ET15/15/30H | U15ET15/15/30S | 8.5 |
| 200 | U15ET20/20/30H | U15ET20/20/30S | 8.9 |
| 300 | U15ET30/30/30H | U15ET30/30/30S | 10.6 |
| 400 | U15ET40/40/30H | U15ET40/40/30S | 11.7 |
| 450 | U15ET45/45/30H | U15ET45/45/30S | 12.3 |
| 500 | U15ET50/50/30H | U15ET50/50/30S | 12.8 |
| 600 | U15ET60/60/30H | U15ET60/60/30S | 13.9 |
| 700 | U15ET70/70/30H | U15ET70/70/30S | 17.5 |
| 750 | U15ET75/75/30H | U15ET75/75/30S | 18.2 |
| 800 | U15ET80/80/30H | U15ET80/80/30S | 19.0 |
| 900 | U15ET90/90/30H | U15ET90/90/30S | 20.0 |
| 1000 | U15ET100/100/30H | U15ET100/100/30S | 21.5 |



Sold as Individual

Unequal Tee's available upon request

Cross

Cable Ladder Cross



U10 Cross

| Size (W) mm | Part No. | | Weight kg |
|----------------|------------------|------------------|--------------|
| | HG | SS | |
| 100 | U10EC10/10/30H | U10EC10/10/30S | 7.2 |
| 150 | U10EC15/15/30H | U10EC15/15/30S | 7.4 |
| 200 | U10EC20/20/30H | U10EC20/20/30S | 7.8 |
| 300 | U10EC30/30/30H | U10EC30/30/30S | 9.9 |
| 400 | U10EC40/40/30H | U10EC40/40/30S | 9.9 |
| 450 | U10EC45/45/30H | U10EC45/45/30S | 11.6 |
| 500 | U10EC50/50/30H | U10EC50/50/30S | 12.21 |
| 600 | U10EC60/60/30H | U10EC60/60/30S | 13.36 |
| 700 | U10EC70/70/30H | U10EC70/70/30S | 17.76 |
| 750 | U10EC75/75/30H | U10EC75/75/30S | 18.55 |
| 800 | U10EC80/80/30H | U10EC80/80/30S | 14.37 |
| 900 | U10EC90/90/30H | U10EC90/90/30S | 15.40 |
| 1000 | U10EC100/100/30H | U10EC100/100/30S | 16.40 |

U12 Cross

| Size (W) mm | Part No. | | Weight kg |
|----------------|------------------|------------------|--------------|
| | HG | SS | |
| 100 | U12EC10/10/30H | U12EC10/10/30S | 10.4 |
| 150 | U12EC15/15/30H | U12EC15/15/30S | 9.6 |
| 200 | U12EC20/20/30H | U12EC20/20/30S | 9.9 |
| 300 | U12EC30/30/30H | U12EC30/30/30S | 12 |
| 400 | U12EC40/40/30H | U12EC40/40/30S | 13.1 |
| 450 | U12EC45/45/30H | U12EC45/45/30S | 13.6 |
| 500 | U12EC50/50/30H | U12EC50/50/30S | 14.2 |
| 600 | U12EC60/60/30H | U12EC60/60/30S | 15.3 |
| 700 | U12EC70/70/30H | U12EC70/70/30S | 17.2 |
| 750 | U12EC75/75/30H | U12EC75/75/30S | 18.7 |
| 800 | U12EC80/80/30H | U12EC80/80/30S | 19.4 |
| 900 | U12EC90/90/30H | U12EC90/90/30S | 20.7 |
| 1000 | U12EC100/100/30H | U12EC100/100/30S | 21.9 |

U15 Cross

| Size (W) mm | Part No. | | Weight kg |
|----------------|------------------|------------------|--------------|
| | HG | SS | |
| 100 | U15EC10/10/30H | U15EC10/10/30S | - |
| 150 | U15EC15/15/30H | U15EC15/15/30S | 10.62 |
| 200 | U15EC20/20/30H | U15EC20/20/30S | 11 |
| 300 | U15EC30/30/30H | U15EC30/30/30S | 13 |
| 400 | U15EC40/40/30H | U15EC40/40/30S | 14.1 |
| 450 | U15EC45/45/30H | U15EC45/45/30S | 14.6 |
| 500 | U15EC50/50/30H | U15EC50/50/30S | 15.2 |
| 600 | U15EC60/60/30H | U15EC60/60/30S | 16.3 |
| 700 | U15EC70/70/30H | U15EC70/70/30S | 18.3 |
| 750 | U15EC75/75/30H | U15EC75/75/30S | 19.8 |
| 800 | U15EC80/80/30H | U15EC80/80/30S | 20.5 |
| 900 | U15EC90/90/30H | U15EC90/90/30S | 21.7 |
| 1000 | U15EC100/100/30H | U15EC100/100/30S | 23.1 |



Sold as Individual

Different radius' available upon request

45° Outside Riser

Cable Ladder Risers



U10 45° Outside Riser

| Size (W) mm | Part No. | | Weight kg |
|----------------|-----------------|-----------------|--------------|
| | HG | SS | |
| 100 | U10OR10/45/30H | U10OR10/45/30S | 1.8 |
| 150 | U10OR15/45/30H | U10OR15/45/30S | 2.3 |
| 200 | U10OR20/45/30H | U10OR20/45/30S | 2.5 |
| 300 | U10OR30/45/30H | U10OR30/45/30S | 2.7 |
| 400 | U10OR40/45/30H | U10OR40/45/30S | 2.9 |
| 450 | U10OR45/45/30H | U10OR45/45/30S | 3 |
| 500 | U10OR50/45/30H | U10OR50/45/30S | 3.2 |
| 600 | U10OR60/45/30H | U10OR60/45/30S | 3.4 |
| 700 | U10OR70/45/30H | U10OR70/45/30S | 4 |
| 750 | U10OR75/45/30H | U10OR75/45/30S | 4.1 |
| 800 | U10OR80/45/30H | U10OR80/45/30S | 4.3 |
| 900 | U10OR90/45/30H | U10OR90/45/30S | 4.6 |
| 1000 | U10OR100/45/30H | U10OR100/45/30S | 4.9 |

U12 45° Outside Riser

| Size (W) mm | Part No. | | Weight kg |
|----------------|-----------------|-----------------|--------------|
| | HG | SS | |
| 100 | U12OR10/45/30H | U12OR10/45/30S | 3.3 |
| 150 | U12OR15/45/30H | U12OR15/45/30S | 3.4 |
| 200 | U12OR20/45/30H | U12OR20/45/30S | 3.5 |
| 300 | U12OR30/45/30H | U12OR30/45/30S | 3.7 |
| 400 | U12OR40/45/30H | U12OR40/45/30S | 3.9 |
| 450 | U12OR45/45/30H | U12OR45/45/30S | 4.1 |
| 500 | U12OR50/45/30H | U12OR50/45/30S | 4.2 |
| 600 | U12OR60/45/30H | U12OR60/45/30S | 4.4 |
| 700 | U12OR70/45/30H | U12OR70/45/30S | 5 |
| 750 | U12OR75/45/30H | U12OR75/45/30S | 5.2 |
| 800 | U12OR80/45/30H | U12OR80/45/30S | 5.3 |
| 900 | U12OR90/45/30H | U12OR90/45/30S | 5.6 |
| 1000 | U12OR100/45/30H | U12OR100/45/30S | 5.9 |

U15 45° Outside Riser

| Size (W) mm | Part No. | | Weight kg |
|----------------|-----------------|-----------------|--------------|
| | HG | SS | |
| 100 | U15OR10/45/30H | U15OR10/45/30S | 4 |
| 150 | U15OR15/45/30H | U15OR15/45/30S | 4.1 |
| 200 | U15OR20/45/30H | U15OR20/45/30S | 4.2 |
| 300 | U15OR30/45/30H | U15OR30/45/30S | 4.4 |
| 400 | U15OR40/45/30H | U15OR40/45/30S | 4.6 |
| 450 | U15OR45/45/30H | U15OR45/45/30S | 4.8 |
| 500 | U15OR50/45/30H | U15OR50/45/30S | 4.9 |
| 600 | U15OR60/45/30H | U15OR60/45/30S | 5.1 |
| 700 | U15OR70/45/30H | U15OR70/45/30S | 5.7 |
| 750 | U15OR75/45/30H | U15OR75/45/30S | 5.9 |
| 800 | U15OR80/45/30H | U15OR80/45/30S | 6 |
| 900 | U15OR90/45/30H | U15OR90/45/30S | 6.3 |
| 1000 | U15OR100/45/30H | U15OR100/45/30S | 6.6 |



Sold as Individual

90° Outside Riser

Cable Ladder Risers



U10 90° Outside Riser

| Size (W) mm | Part No. | | Weight kg |
|----------------|-----------------|-----------------|--------------|
| | HG | SS | |
| 100 | U10OR10/90/30H | U10OR10/90/30S | 2.5 |
| 150 | U10OR15/90/30H | U10OR15/90/30S | 2.6 |
| 200 | U10OR20/90/30H | U10OR20/90/30S | 2.7 |
| 300 | U10OR30/90/30H | U10OR30/90/30S | 3 |
| 400 | U10OR40/90/30H | U10OR40/90/30S | 3.2 |
| 450 | U10OR45/90/30H | U10OR45/90/30S | 3.3 |
| 500 | U10OR50/90/30H | U10OR50/90/30S | 3.4 |
| 600 | U10OR60/90/30H | U10OR60/90/30S | 3.7 |
| 700 | U10OR70/90/30H | U10OR70/90/30S | 4.3 |
| 750 | U10OR75/90/30H | U10OR75/90/30S | 4.4 |
| 800 | U10OR80/90/30H | U10OR80/90/30S | 4.6 |
| 900 | U10OR90/90/30H | U10OR90/90/30S | 4.9 |
| 1000 | U10OR100/90/30H | U10OR100/90/30S | 5.03 |

U12 90° Outside Riser

| Size (W) mm | Part No. | | Weight kg |
|----------------|-----------------|-----------------|--------------|
| | HG | SS | |
| 100 | U12OR10/90/30H | U12OR10/90/30S | 3.8 |
| 150 | U12OR15/90/30H | U12OR15/90/30S | 3.9 |
| 200 | U12OR20/90/30H | U12OR20/90/30S | 4 |
| 300 | U12OR30/90/30H | U12OR30/90/30S | 4.2 |
| 400 | U12OR40/90/30H | U12OR40/90/30S | 4.4 |
| 450 | U12OR45/90/30H | U12OR45/90/30S | 4.5 |
| 500 | U12OR50/90/30H | U12OR50/90/30S | 4.6 |
| 600 | U12OR60/90/30H | U12OR60/90/30S | 4.9 |
| 700 | U12OR70/90/30H | U12OR70/90/30S | 5.5 |
| 750 | U12OR75/90/30H | U12OR75/90/30S | 5.6 |
| 800 | U12OR80/90/30H | U12OR80/90/30S | 5.8 |
| 900 | U12OR90/90/30H | U12OR90/90/30S | 6 |
| 1000 | U12OR100/90/30H | U12OR100/90/30S | 6.3 |

U15 90° Outside Riser

| Size (W) mm | Part No. | | Weight kg |
|----------------|-----------------|-----------------|--------------|
| | HG | SS | |
| 100 | U15OR10/90/30H | U15OR10/90/30S | 4.6 |
| 150 | U15OR15/90/30H | U15OR15/90/30S | 4.7 |
| 200 | U15OR20/90/30H | U15OR20/90/30S | 4.8 |
| 300 | U15OR30/90/30H | U15OR30/90/30S | 5 |
| 400 | U15OR40/90/30H | U15OR40/90/30S | 5.2 |
| 450 | U15OR45/90/30H | U15OR45/90/30S | 5.3 |
| 500 | U15OR50/90/30H | U15OR50/90/30S | 5.5 |
| 600 | U15OR60/90/30H | U15OR60/90/30S | 5.7 |
| 700 | U15OR70/90/30H | U15OR70/90/30S | 6.3 |
| 750 | U15OR75/90/30H | U15OR75/90/30S | 6.4 |
| 800 | U15OR80/90/30H | U15OR80/90/30S | 6.6 |
| 900 | U15OR90/90/30H | U15OR90/90/30S | 6.9 |
| 1000 | U15OR100/90/30H | U15OR100/90/30S | 10.26 |



Sold as Individual

45° Inside Riser

Cable Ladder Risers



U10 45° Inside Riser

| Size (W) mm | Part No. | | Weight kg |
|----------------|-----------------|-----------------|--------------|
| | HG | SS | |
| 100 | U10IR10/45/30H | U10IR10/45/30S | 1.8 |
| 150 | U10IR15/45/30H | U10IR15/45/30S | 2.3 |
| 200 | U10IR20/45/30H | U10IR20/45/30S | 2.5 |
| 300 | U10IR30/45/30H | U10IR30/45/30S | 2.7 |
| 400 | U10IR40/45/30H | U10IR40/45/30S | 2.9 |
| 450 | U10IR45/45/30H | U10IR45/45/30S | 3 |
| 500 | U10IR50/45/30H | U10IR50/45/30S | 3.2 |
| 600 | U10IR60/45/30H | U10IR60/45/30S | 3.4 |
| 700 | U10IR70/45/30H | U10IR70/45/30S | 4 |
| 750 | U10IR75/45/30H | U10IR75/45/30S | 4.1 |
| 800 | U10IR80/45/30H | U10IR80/45/30S | 4.3 |
| 900 | U10IR90/45/30H | U10IR90/45/30S | 4.6 |
| 1000 | U10IR100/45/30H | U10IR100/45/30S | 4.9 |

U12 45° Inside Riser

| Size (W) mm | Part No. | | Weight kg |
|----------------|-----------------|-----------------|--------------|
| | HG | SS | |
| 100 | U12IR10/45/30H | U12IR10/45/30S | 3.3 |
| 150 | U12IR15/45/30H | U12IR15/45/30S | 3.4 |
| 200 | U12IR20/45/30H | U12IR20/45/30S | 3.5 |
| 300 | U12IR30/45/30H | U12IR30/45/30S | 3.7 |
| 400 | U12IR40/45/30H | U12IR40/45/30S | 3.9 |
| 450 | U12IR45/45/30H | U12IR45/45/30S | 4.1 |
| 500 | U12IR50/45/30H | U12IR50/45/30S | 4.2 |
| 600 | U12IR60/45/30H | U12IR60/45/30S | 4.4 |
| 700 | U12IR70/45/30H | U12IR70/45/30S | 5 |
| 750 | U12IR75/45/30H | U12IR75/45/30S | 5.2 |
| 800 | U12IR80/45/30H | U12IR80/45/30S | 5.3 |
| 900 | U12IR90/45/30H | U12IR90/45/30S | 5.6 |
| 1000 | U12IR100/45/30H | U12IR100/45/30S | 5.9 |

U15 45° Inside Riser

| Size (W) mm | Part No. | | Weight kg |
|----------------|-----------------|-----------------|--------------|
| | HG | SS | |
| 100 | U15IR10/45/30H | U15IR10/45/30S | 4 |
| 150 | U15IR15/45/30H | U15IR15/45/30S | 4.1 |
| 200 | U15IR20/45/30H | U15IR20/45/30S | 4.2 |
| 300 | U15IR30/45/30H | U15IR30/45/30S | 4.4 |
| 400 | U15IR40/45/30H | U15IR40/45/30S | 4.6 |
| 450 | U15IR45/45/30H | U15IR45/45/30S | 4.8 |
| 500 | U15IR50/45/30H | U15IR50/45/30S | 4.9 |
| 600 | U15IR60/45/30H | U15IR60/45/30S | 5.1 |
| 700 | U15IR70/45/30H | U15IR70/45/30S | 5.7 |
| 750 | U15IR75/45/30H | U15IR75/45/30S | 5.9 |
| 800 | U15IR80/45/30H | U15IR80/45/30S | 6 |
| 900 | U15IR90/45/30H | U15IR90/45/30S | 6.3 |
| 1000 | U15IR100/45/30H | U15IR100/45/30S | 6.6 |



Sold as Individual

90° Inside Riser

Cable Ladder Risers



U10 90° Inside Riser

| Size (W) mm | Part No. | | Weight kg |
|----------------|-----------------|-----------------|--------------|
| | HG | SS | |
| 100 | U10IR10/90/30H | U10IR10/90/30S | 1.8 |
| 150 | U10IR15/90/30H | U10IR15/90/30S | 2.3 |
| 200 | U10IR20/90/30H | U10IR20/90/30S | 2.5 |
| 300 | U10IR30/90/30H | U10IR30/90/30S | 2.7 |
| 400 | U10IR40/90/30H | U10IR40/90/30S | 2.9 |
| 450 | U10IR45/90/30H | U10IR45/90/30S | 3 |
| 500 | U10IR50/90/30H | U10IR50/90/30S | 3.2 |
| 600 | U10IR60/90/30H | U10IR60/90/30S | 3.4 |
| 700 | U10IR70/90/30H | U10IR70/90/30S | 4 |
| 750 | U10IR75/90/30H | U10IR75/90/30S | 4.1 |
| 800 | U10IR80/90/30H | U10IR80/90/30S | 4.3 |
| 900 | U10IR90/90/30H | U10IR90/90/30S | 4.6 |
| 1000 | U10IR100/90/30H | U10IR100/90/30S | 4.9 |

U12 90° Inside Riser

| Size (W) mm | Part No. | | Weight kg |
|----------------|-----------------|-----------------|--------------|
| | HG | SS | |
| 100 | U12IR10/90/30H | U12IR10/90/30S | 3.3 |
| 150 | U12IR15/90/30H | U12IR15/90/30S | 3.4 |
| 200 | U12IR20/90/30H | U12IR20/90/30S | 3.5 |
| 300 | U12IR30/90/30H | U12IR30/90/30S | 3.7 |
| 400 | U12IR40/90/30H | U12IR40/90/30S | 3.9 |
| 450 | U12IR45/90/30H | U12IR45/90/30S | 4.1 |
| 500 | U12IR50/90/30H | U12IR50/90/30S | 4.2 |
| 600 | U12IR60/90/30H | U12IR60/90/30S | 4.4 |
| 700 | U12IR70/90/30H | U12IR70/90/30S | 5 |
| 750 | U12IR75/90/30H | U12IR75/90/30S | 5.2 |
| 800 | U12IR80/90/30H | U12IR80/90/30S | 5.3 |
| 900 | U12IR90/90/30H | U12IR90/90/30S | 5.6 |
| 1000 | U12IR100/90/30H | U12IR100/90/30S | 5.9 |

U15 90° Inside Riser

| Size (W) mm | Part No. | | Weight kg |
|----------------|-----------------|-----------------|--------------|
| | HG | SS | |
| 100 | U15IR10/90/30H | U15IR10/90/30S | 4 |
| 150 | U15IR15/90/30H | U15IR15/90/30S | 4.1 |
| 200 | U15IR20/90/30H | U15IR20/90/30S | 4.2 |
| 300 | U15IR30/90/30H | U15IR30/90/30S | 4.4 |
| 400 | U15IR40/90/30H | U15IR40/90/30S | 4.6 |
| 450 | U15IR45/90/30H | U15IR45/90/30S | 4.8 |
| 500 | U15IR50/90/30H | U15IR50/90/30S | 4.9 |
| 600 | U15IR60/90/30H | U15IR60/90/30S | 5.1 |
| 700 | U15IR70/90/30H | U15IR70/90/30S | 5.7 |
| 750 | U15IR75/90/30H | U15IR75/90/30S | 5.9 |
| 800 | U15IR80/90/30H | U15IR80/90/30S | 6 |
| 900 | U15IR90/90/30H | U15IR90/90/30S | 6.3 |
| 1000 | U15IR100/90/30H | U15IR100/90/30S | 6.6 |



Sold as Individual

Cable Ladder Risers

Reducers are available in three variants and can be made to order for any stock width to any other standard width.

Variants include :

- Left hand reducers
- Right hand reducers
- Straight reducers

To calculate the correct reducer, please follow the formula below:

Choose your depth of ladder

| | |
|------------------------|-------|
| U10 (Medium Duty) | = U10 |
| U12 (Heavy Duty) | = U12 |
| U15 (Extra Heavy Duty) | = U15 |

Choose the reducer variant

| | |
|------------|------|
| Left hand | = LR |
| Right hand | = RR |
| Straight | = SR |

Choose the starting width

| | |
|--------|-------|
| 100mm | = 10 |
| 150mm | = 15 |
| 200mm | = 20 |
| 300mm | = 30 |
| 400mm | = 40 |
| 450mm | = 45 |
| 500mm | = 50 |
| 600mm | = 60 |
| 700mm | = 70 |
| 750mm | = 75 |
| 800mm | = 80 |
| 900mm | = 90 |
| 1000mm | = 100 |
| 1200mm | = 120 |

and the End (reduced) width

U10

U10 SR

U10 SR 80

U10 SR 80 / 40



Example shows a U10 Straight Reducer of 800mm down to 400mm.

Branch Tees

Cable Ladder Branch Tees

Atkore Unistrut's Branch Tee's simplify the method of installation instead of using the traditional tee piece.

This allows full ladder installation runs and tee's to be added at a later date to ensure accuracy and to improve installation times.



Key Features

- Dictate where tee's positioned
- Reduces ladder cuts
- Improved installation times
- Lower installation cost
- Reduced weight for install



| | Width | | | | |
|-------------|-----------|---------------|---------------|---------------|---------------|
| Radius (mm) | 300 | 450 | 600 | 750 | 900 |
| 300 | Available | Available | Available | Available | Available |
| 450 | Available | Available | Available | Available | Not Available |
| 600 | Available | Available | Available | Not Available | Not Available |
| 750 | Available | Available | Not Available | Not Available | Not Available |
| 900 | Available | Not Available | Not Available | Not Available | Not Available |

Part Number Guide

Part number = Size*BT*Width*Rad*Finish

For example: U10BT3030HG = U10 Cable Ladder Branch Tee 300mm x 300mm in Hot-Dipped Galvanised finish.

Atkore Unistrut & Marco have an experienced technical sales team who can assist with all product enquiries.



Couplers

Cable Ladder Couplers

Straight Splice



Sold as
Pair



Inc Fixings

| Size | Part No. | | Weight |
|------|----------|----------|--------|
| | HG | SS | |
| U10 | U10/SP/H | U10/SP/S | 1.5 |
| U12 | U12/SP/H | U12/SP/S | 1.7 |
| U15 | U15/SP/H | U15/SP/S | 1.9 |

Verticle Splice



Sold as
Pair



Inc Fixings

| Size | Part No. | | Weight |
|------|-----------|-----------|--------|
| | HG | SS | |
| U10 | U10/VSP/H | U10/VSP/S | 1.9 |
| U12 | U12/VSP/H | U12/VSP/S | 2.3 |
| U15 | U15/VSP/H | U15/VSP/S | 2.8 |

Horizontal Splice



Sold as
Pair



Inc Fixings

| Size | Part No. | | Weight |
|------|-----------|-----------|--------|
| | HG | SS | |
| U10 | U10/HSP/H | U10/HSP/S | 1.6 |
| U12 | U12/HSP/H | U12/HSP/S | 1.8 |
| U15 | U15/HSP/H | U15/HSP/S | 2.1 |

Thermal Expansion Coupler



Sold as
Pair



Inc Fixings

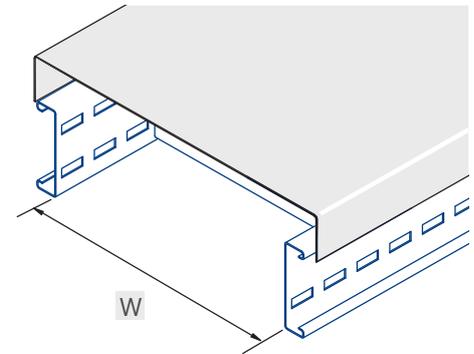
| Size | Part No. | | Weight |
|------|-----------|-----------|--------|
| | HG | SS | |
| U10 | U10/TEC/H | U10/TEC/S | 1.5 |
| U12 | U12/TEC/H | U12/TEC/S | 1.8 |
| U15 | U15/TEC/H | U15/TEC/S | 2.1 |

Covers - U10, U12 & U15

Cable Ladder Covers

| Type | Part No. | | Ladder Width | Std Length |
|-------|------------|------------|--------------|------------|
| | HG | SS | | |
| U/COV | U/COV100H | U/COV100S | 100 | 3 |
| U/COV | U/COV150H | U/COV150S | 150 | 3 |
| U/COV | U/COV200H | U/COV200S | 200 | 3 |
| U/COV | U/COV300H | U/COV300S | 300 | 3 |
| U/COV | U/COV400H | U/COV400S | 400 | 1.5 |
| U/COV | U/COV450H | U/COV450S | 450 | 1.5 |
| U/COV | U/COV500H | U/COV500S | 500 | 1.5 |
| U/COV | U/COV600H | U/COV600S | 600 | 1.5 |
| U/COV | U/COV700H | U/COV700S | 700 | 1.5 |
| U/COV | U/COV750H | U/COV750S | 750 | 1.5 |
| U/COV | U/COV800H | U/COV800S | 800 | 1.5 |
| U/COV | U/COV900H | U/COV900S | 900 | 1.5 |
| U/COV | U/COV1000H | U/COV1000S | 1000 | 1.5 |
| U/COV | U/COV1200H | U/COV1200S | 1200 | 1.5 |

Other lengths available upon request



Sold as Individual

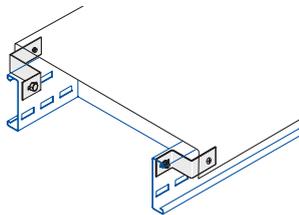
Cable Ladder

A cover for every fitting

Atkore Unistrut have custom fit covers for the entire range of lengths and fittings and can provide custom sizes if required for unique jobs.

These are available upon request - please contact the sales department for further information.

Cover Clip



Length 1.5m - Use 4 Cover Fixings
Length 3.0m - Use 6 Cover Fixings

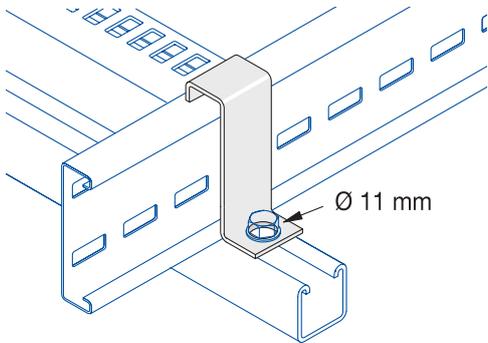
| Part No. | Finish |
|-----------|---|
| U/COVCLIP | Stainless Steel or Hot Galvanised S or H |

Cover clip can be orientated to achieve closed or ventilated cover

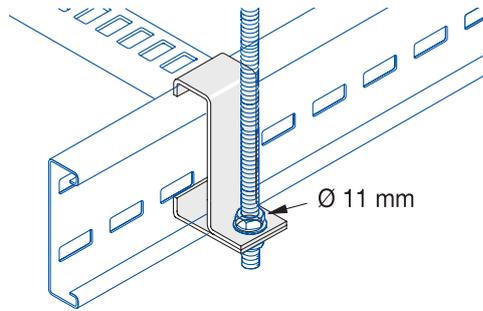
Accessories

Cable Ladder Accessories

H/D Bracket



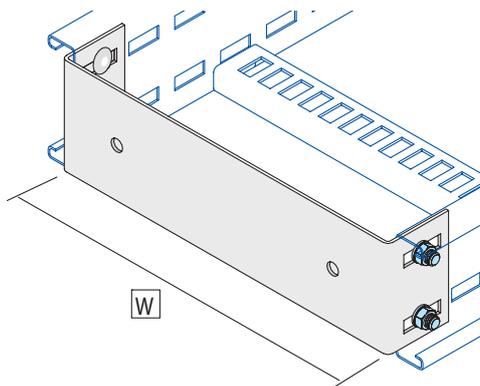
Suspension Clip



| Type | Part No. | |
|-----------|-----------|-----------|
| | HG | SS |
| U10 / HDB | U10/HDB/H | U10/HDB/S |
| U12 / HDB | U12/HDB/H | U12/HDB/S |
| U15 / HDB | U15/HDB/H | U15/HDB/S |

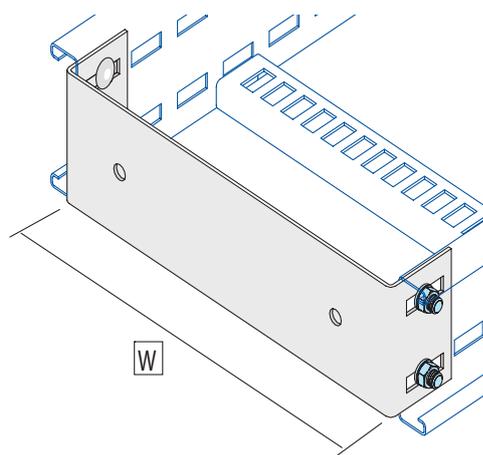
| Type | Part No. | |
|----------|----------|----------|
| | HG | SS |
| U10 / SC | U10/SC/H | U10/SC/S |
| U12 / SC | U12/SC/H | U12/SC/S |
| U15 / SC | U15/SC/H | U15/SC/S |

Stop End - U10



Sold as Individual

Stop End - U12



Sold as Individual

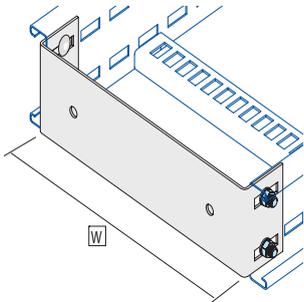
| Size (W) mm | Part No. | |
|----------------|-------------|-------------|
| | HG | SS |
| 150 | U10/SE150/H | U10/SE150/S |
| 300 | U10/SE300/H | U10/SE300/S |
| 450 | U10/SE450/H | U10/SE450/S |
| 600 | U10/SE600/H | U10/SE600/S |
| 750 | U10/SE750/H | U10/SE750/S |
| 900 | U10/SE900/H | U10/SE900/S |

| Size (W) mm | Part No. | |
|----------------|-------------|-------------|
| | HG | SS |
| 150 | U12/SE150/H | U12/SE150/S |
| 300 | U12/SE300/H | U12/SE300/S |
| 450 | U12/SE450/H | U12/SE450/S |
| 600 | U12/SE600/H | U12/SE600/S |
| 750 | U12/SE750/H | U12/SE750/S |
| 900 | U12/SE900/H | U12/SE900/S |

Accessories

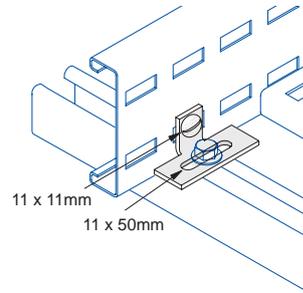
Cable Ladder Accessories

Stop End - U15



Sold as Individual

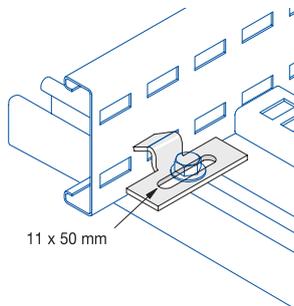
Hold Down Bracket



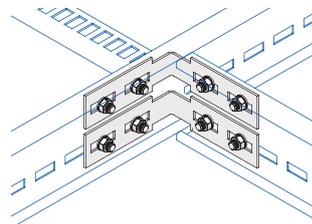
| Size (W) mm | Part No. | |
|----------------|-------------|-------------|
| | HG | SS |
| 150 | U15/SE150/H | U15/SE150/S |
| 300 | U15/SE300/H | U15/SE300/S |
| 450 | U15/SE450/H | U15/SE450/S |
| 600 | U15/SE600/H | U15/SE600/S |
| 750 | U15/SE750/H | U15/SE750/S |
| 900 | U15/SE900/H | U15/SE900/S |

| Type | Part No. | |
|---------|-----------|-----------|
| | HG | SS |
| U10/HDB | U/CLAMP/H | U/CLAMP/S |

Hold Down Clip



Tee Bracket

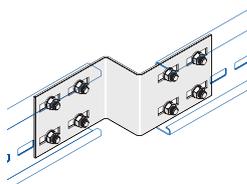


Inc Fitments

| Type | Part No. | |
|--------|----------|----------|
| | HG | SS |
| U/CLIP | U/CLIP/H | U/CLIP/S |

| Type | Part No. | | Quantity |
|------|-------------|-------------|----------|
| | HG | SS | |
| TEE | U/2TEE/H | U/2TEE/S | 2 |
| TEE | U/2TEE/H/UN | U/2TEE/S/UN | 1 |

Reducing Splice Plate

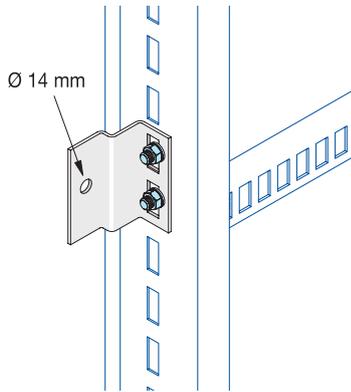


Inc Fitments

| Type | Part No. | |
|-------|----------|----------|
| | HG | SS |
| U/RSP | U/RSP/HG | U/RSP/SS |

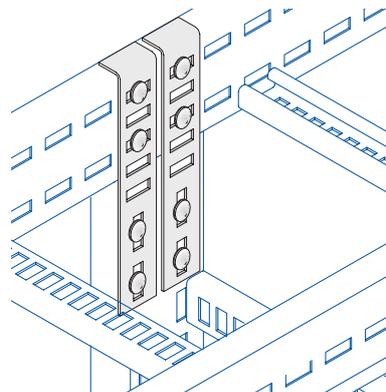
Cable Ladder Accessories

Wall Bracket



| Part No. | Finish |
|----------|---|
| U/WCH | Stainless Steel or Hot Galvanised SS or HG |

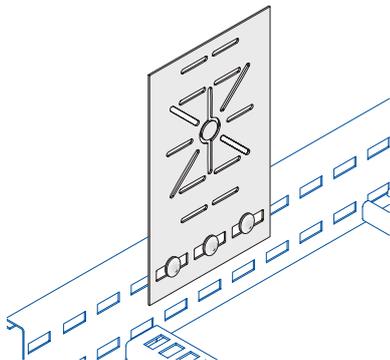
Rail to Rail Dropper



Inc Fitements

| Part No. | Finish |
|----------|---|
| U/RRD | Stainless Steel or Hot Galvanised SS or HG |

Mounting Plate

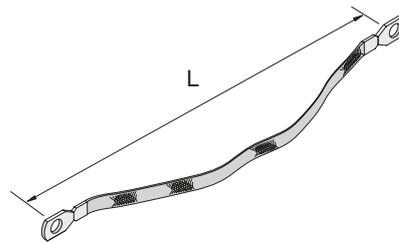


Inc Fitements

| Part No. | Finish |
|----------|---|
| U/MP | Stainless Steel or Hot Galvanised SS or HG |

Earth Strap

Tinned Copper Braid
M10 Hole Size

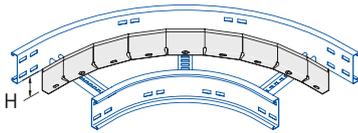


| Part No. | Size (L) |
|----------|----------|
| UES100 | 100mm |
| UES300 | 300mm |

Accessories

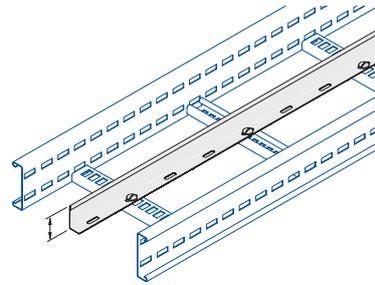
Cable Ladder Accessories

Curved Divider



Inc Fitments

Straight Divider



Inc Fitments

| Part No. | Height mm | Finish |
|----------|--------------|----------|
| U/CUR30 | 30mm | SS or HG |
| U/CUR70 | 70mm | SS or HG |

| Part No. | Height mm | Finish |
|----------|--------------|----------|
| U/DIV30 | 30mm | SS or HG |
| U/DIV70 | 70mm | SS or HG |

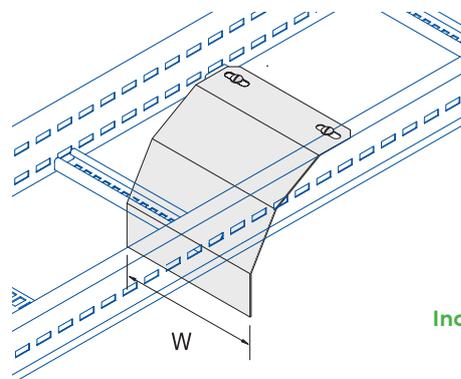
Ladder Fixing Set



| Part No. | Finish Stainless Steel or Hot Galvanised |
|------------|---|
| U/FIX16M10 | SS or HG |

Pack of 16 (nuts, bolts and washers)

Cable Drop Out



Inc Fitments

| Part No. | Size (W) mm | Finish |
|----------|----------------|----------|
| U/DO/150 | 145mm | SS or HG |
| U/DO/200 | 195mm | SS or HG |
| U/DO/300 | 295mm | SS or HG |
| U/DO/450 | 445mm | SS or HG |
| U/DO/600 | 595mm | SS or HG |
| U/DO/750 | 745mm | SS or HG |
| U/DO/900 | 895mm | SS or HG |

Cable Ladder Technical Data

Technical Information for Atkore
Unistrut's Cable Ladder System



Materials & Finishes

Cable Ladder Materials & Finishes

Hot-Dip Galvanised [HG]

Cable Trays, brackets, cantilever arms and fittings can be Hot-Dip Galvanised in accordance with BS EN ISO1461:2009 and chromated.

The minimum average Zinc Coating is as follows:

- Cold Rolled From 1.5mm Steel – 55 microns
- 2.5mm Steel – 55 microns
- Fittings spun galvanised – 45 microns
- Mild Steel – BS EN 10149-3 grade S280 – min.yield 280 n/mm² – UTS 370 n/mm²

Deep Hot-Dip Galvanised

- BS EN 10025 S275JO+AR+CL1 or equivalent/better. 2mm min. thick material.

Stainless Steel [SS]

- Stainless Steel 1.4404 (316L)
- Hot Rolled to B.S.EN10088-2-1.4404+1D.
- Cleaned (Pickled & Passivated)

Applying a pickling process to Stainless Steel results in a clean product and it also removes any heat discoloration that has occurred in the welding process.

SPECIAL COATINGS AND MATERIAL GRADES ARE AVAILABLE ON REQUEST

Pickle & Passivate is available upon request

Certification and Quality Standards

BS EN 61537:2007

ISO 9001 – Quality system certification

ISO 14001 – Environment certification

ISO 45001 – Health and safety certification

Useful Cross Section

Type U10

| Width mm | Useful cross section (cm ²) |
|-------------|--|
| 100 | 75 |
| 150 | 113 |
| 200 | 150 |
| 300 | 225 |
| 400 | 300 |
| 450 | 338 |
| 500 | 375 |
| 600 | 450 |
| 750 | 563 |
| 800 | 600 |
| 900 | 650 |
| 1000 | 750 |

Type U12

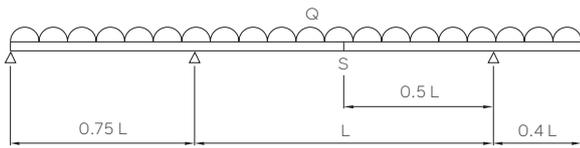
| Width mm | Useful cross section (cm ²) |
|-------------|--|
| 100 | 100 |
| 150 | 150 |
| 200 | 200 |
| 300 | 300 |
| 400 | 400 |
| 450 | 450 |
| 500 | 500 |
| 600 | 600 |
| 750 | 750 |
| 800 | 800 |
| 900 | 900 |
| 1000 | 1000 |

Type U15

| Width mm | Useful cross section (cm ²) |
|-------------|--|
| 100 | 125 |
| 150 | 188 |
| 200 | 250 |
| 300 | 375 |
| 400 | 500 |
| 450 | 563 |
| 500 | 625 |
| 600 | 750 |
| 750 | 938 |
| 800 | 1000 |
| 900 | 1125 |
| 1000 | 1250 |

Cable Ladder Loading Data

Stated loadings apply to mild steel products only.



Load test according to CEI/IEC 61537:2001

Q = UDL (uniformly distributed load)

Safety Factor = 1.7

L = intermediate span

F = deflection = 1/100 of the intermediate span (max.)

S = splice location

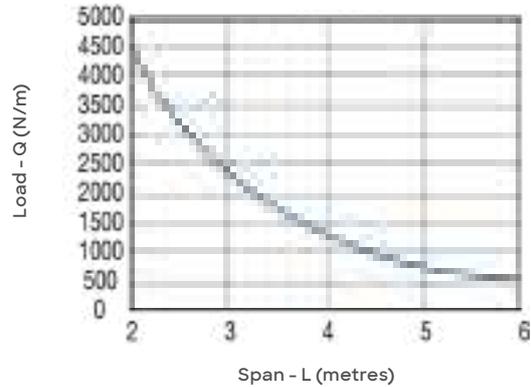
Atkore Unistrut's load testing is in accordance with CEI/IEC 61537:2001. In practical terms this covers continuous/multi span installations, evenly loaded along the length of, and across the full width of the ladder. The end spans in these installations should be reduced to 0.75 of the intermediate spans.

Deflection: Atkore Unistrut's load and deflection figures are in accordance with CEI/IEC 61537:2001, with the characteristic deflection of Unistrut Cable Ladder limited to span/100, and load figures inclusive of a safety factor of 1.7.

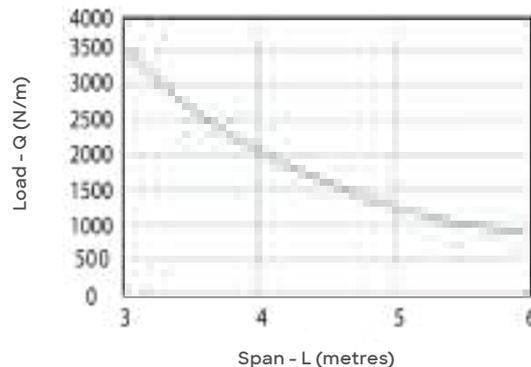
Accessories: To ensure adequate support, accessories should be supported locally.

Couplers: The loading and deflection tables for Atkore Unistrut Cable Ladder assume that the couplers are located at the most onerous position within the span (i.e. mid span). To maintain the load/deflection figures stated in the tables, the couplers should not be located in end spans or over support locations. Only one pair of couplers should be installed per span.

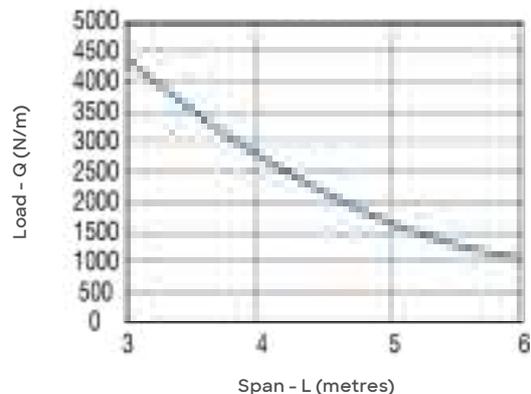
Atkore Unistrut Ladder - Type U10



Atkore Unistrut Ladder - Type U12



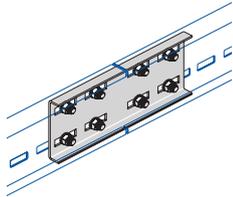
Atkore Unistrut Ladder - Type U15



Couplers

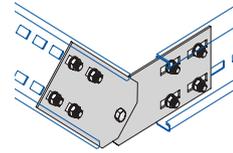
Cable Ladder Couplers

SP Coupler (Straight Splice)



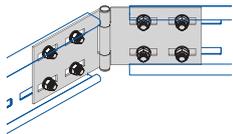
2x Straight Splices with fasteners included.
For use in joining flat sections (straights and curves)

VSP Coupler (Verticle Splice)



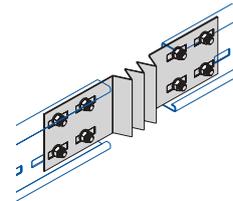
2x Vertical Splices with fittings included.
For use in creating an adjustable riser.

HSP Coupler (Horizontal Splice)



2x Horizontal Splices with fittings included.
A hinged splice to allow straights to connect at varying angles.

TEC Coupler (Thermal Expansion Coupler)



2x Thermal Expansion Couplers with fittings included.
To compensate for thermal expansion.

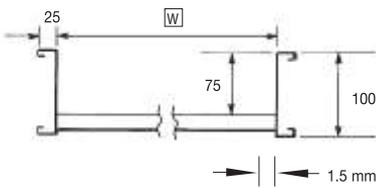
Size & Angle Codes

Cable Ladder Size & Angle Codes

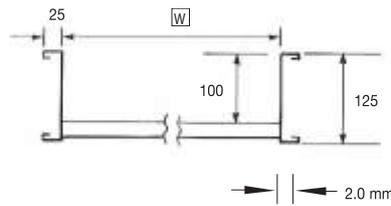
Atkore Unistrut's fittings come in a wide variety of widths, radii and angles (where appropriate). Many of these are standard factory items and the rest are available upon request.

Unless specified, figures are in millimeters (mm)

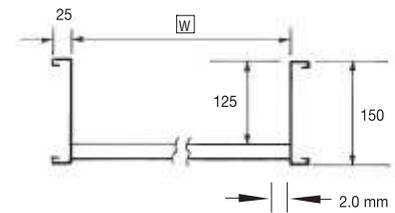
U10



U12

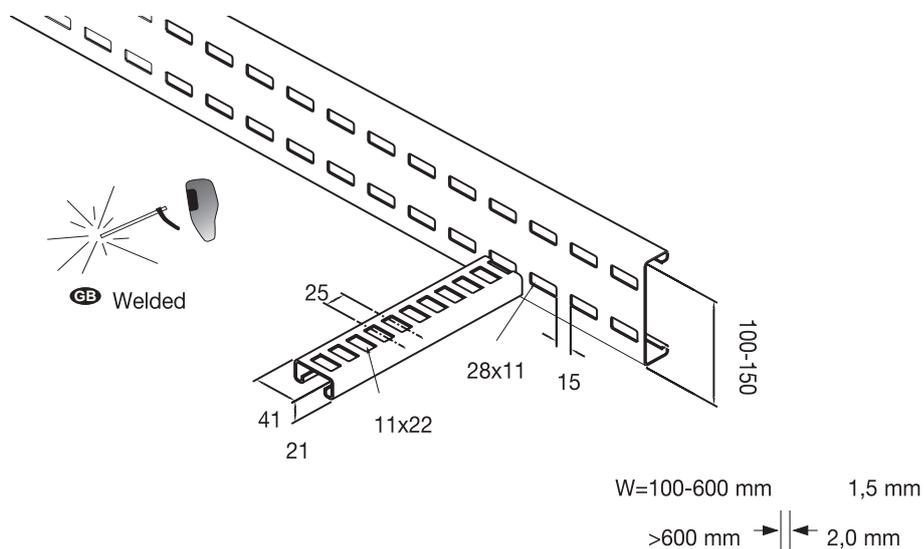


U15



| Standard Widths (W) | | By Request | Angles (D) | | By Request | Radii (R) | |
|---------------------|--------|------------|------------|-------|------------|-----------|--------|
| Code | Width | | Width | Angle | | Code | Width |
| 10 | 100mm | By Request | 30 | 30 | By Request | 30 | 300mm* |
| 15 | 150mm | | 45 | 45 | | 45 | 450mm |
| 20 | 200mm | By Request | 60 | 60 | By Request | 60 | 600mm |
| 30 | 300mm | | 90 | 90 | | 75 | 750mm |
| 40 | 400mm | By Request | | | | 90 | 900mm |
| 45 | 450mm | | | | | | |
| 50 | 500mm | By Request | | | | | |
| 60 | 600mm | | | | | | |
| 70 | 700mm | By Request | | | | | |
| 75 | 750mm | | | | | | |
| 80 | 800mm | By Request | | | | | |
| 90 | 900mm | | | | | | |
| 100 | 1000mm | By Request | | | | | |

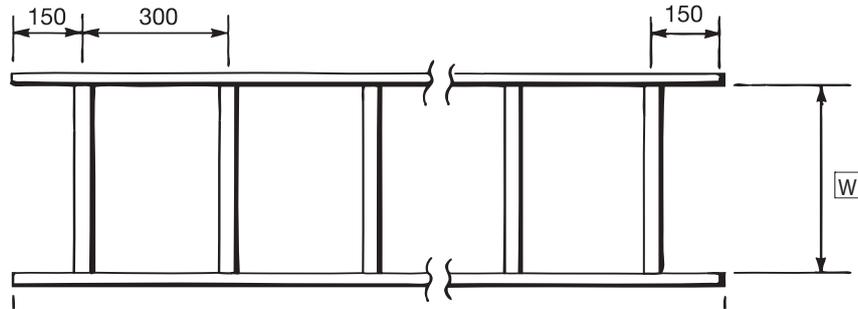
*Standard



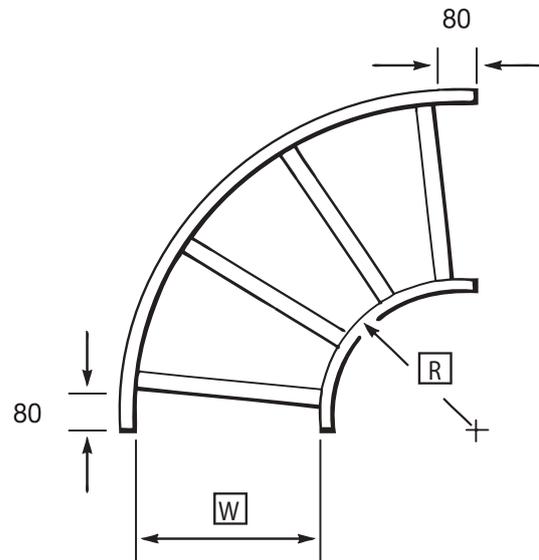
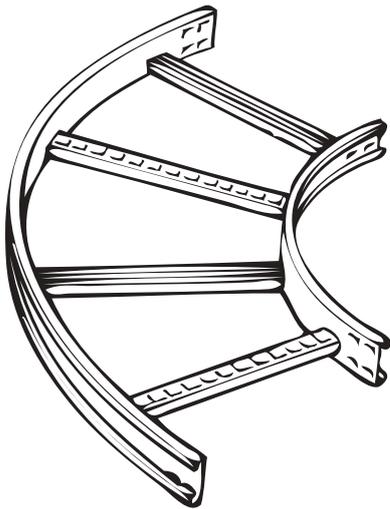
Fittings

Cable Ladder Fittings

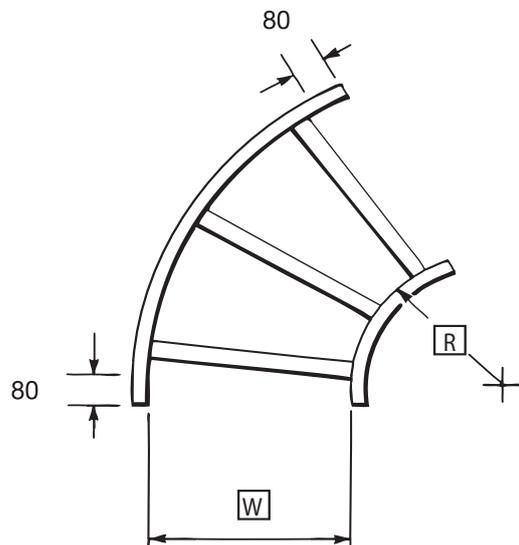
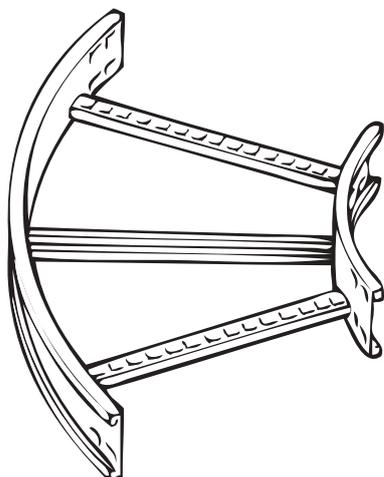
Rung Distance



90° Flat Bend



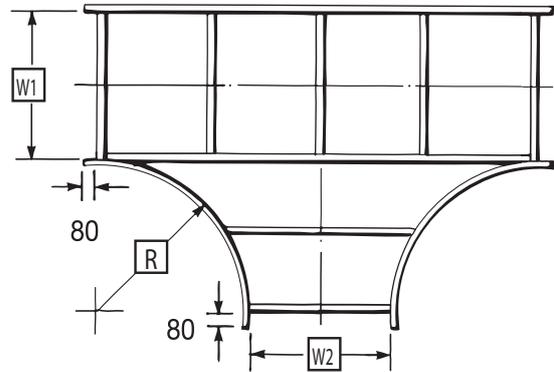
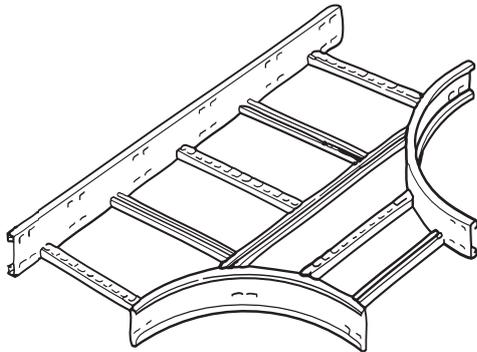
45° Flat Bend



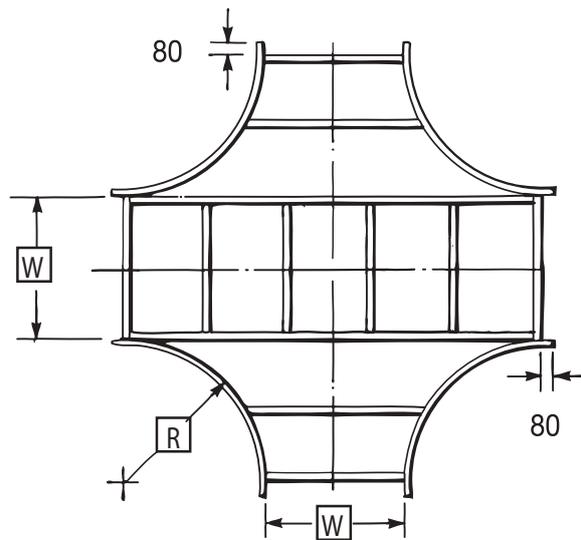
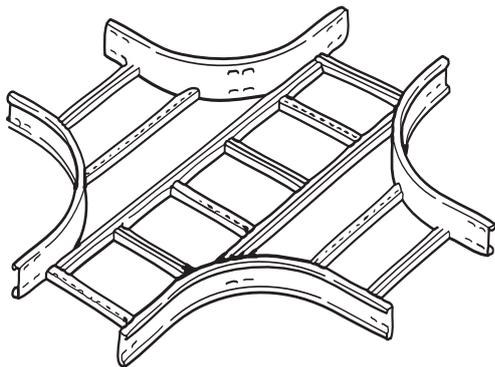
Please use codes on page 77 for [W], [R] and [D]

Cable Ladder Fittings

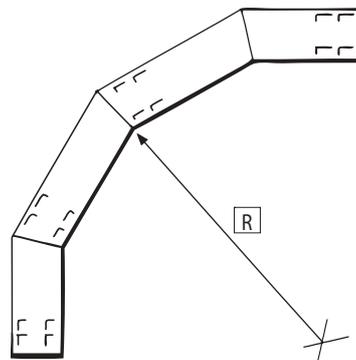
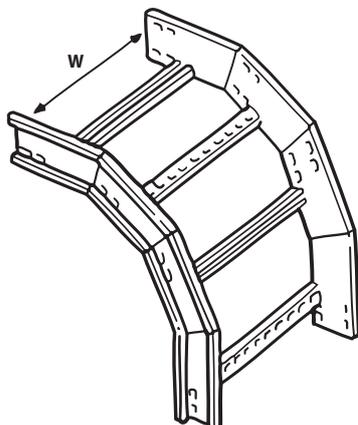
Equal Tee



Equal Cross



90° Outside Riser

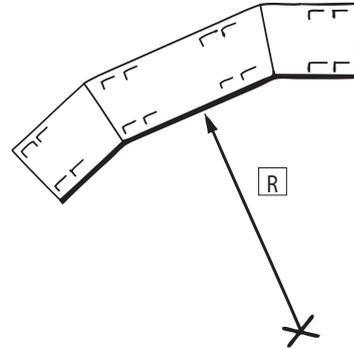
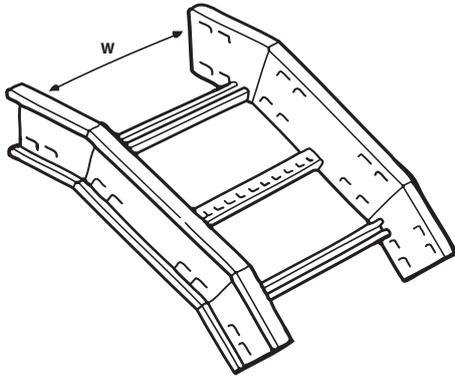


Please use codes on page 77 for [W], [R] and [D]

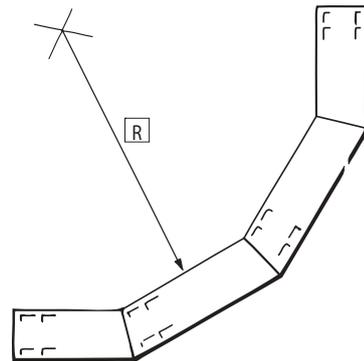
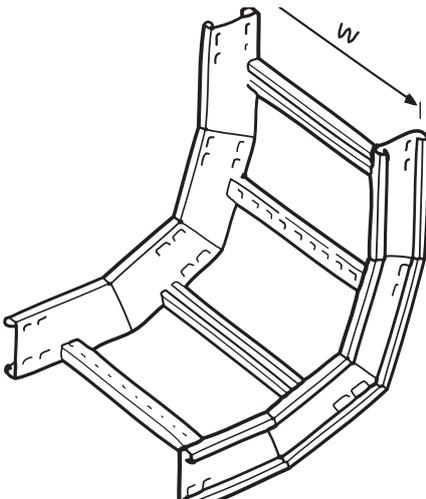
Fittings

Cable Ladder Fittings

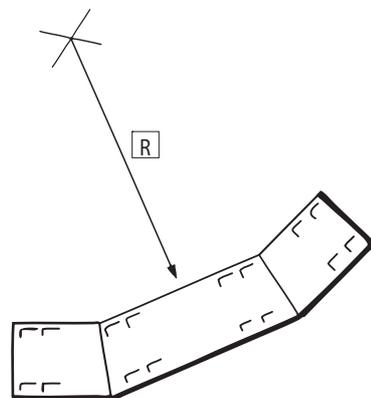
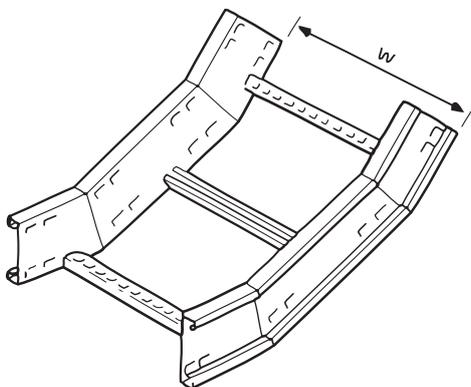
45° Outside Riser



90° Inside Riser



45° Inside Riser



Please use codes on page 77 for [W], [R] and [D]

U11 Cable Ladder

Atkore Unistrut's Lightweight
PG Cable Ladder



U11 Pre-Galvanised Ladder

U11 Cable Ladder

The Atkore Unistrut U11 Pre-Galvanised ladder has a 110mm high side wall with an S-shape profile.

The range is completed with a full range of accessories including bends, tees, crosses and risers.

- Standard finish: Pre-Galvanised Steel
- Length: 3000mm
- Rung distance: 250mm
- Sidewall height: 110mm



| Size (W) mm | U11 Ladder Straights | |
|----------------|----------------------|-------------|
| | PG | Weight (kg) |
| 200 | U11L3200 | 11.097 |
| 300 | U11L3300 | 11.811 |
| 400 | U11L3400 | 12.522 |
| 450 | U11L3450 | 12.912 |
| 500 | U11L3500 | 13.236 |
| 600 | U11L3600 | 13.950 |
| 750 | U11L3750 | 15.072 |
| 900 | U11L3900 | 16.152 |



U11 Cable Ladder

U11 Cable Ladder Systems

U11FB - 90° Flat Bend



| Size (W) mm | U11 Flat Bend - 90° | |
|----------------|---------------------|-------------|
| | PG | Weight (kg) |
| 200 | U11FB20/90/30 | 2.826 |
| 300 | U11FB30/90/30 | 3.384 |
| 400 | U11FB40/90/30 | 3.94 |
| 450 | U11FB45/90/30 | 4.219 |
| 500 | U11FB50/90/30 | 4.498 |
| 600 | U11FB60/90/30 | 5.055 |
| 750 | U11FB75/90/30 | 5.891 |
| 900 | U11FB90/90/30 | 6.727 |

U11 45° Flat Bends are available upon request

U11X - Cross Over



| Size (W) mm | U11 Cross Over | |
|----------------|----------------|-------------|
| | PG | Weight (kg) |
| 200 | U11EC20/20/30 | 4.796 |
| 300 | U11EC30/30/30 | 5.985 |
| 400 | U11EC40/40/30 | 6.439 |
| 450 | U11EC45/45/30 | 6.666 |
| 500 | U11EC50/50/30 | 6.893 |
| 600 | U11EC60/60/30 | 7.346 |
| 750 | U11EC75/75/30 | 8.446 |
| 900 | U11EC90/90/30 | 9.546 |

U11IR - Inside Riser



| Size (W) mm | U11 Inside Riser | |
|----------------|------------------|-------------|
| | PG | Weight (kg) |
| 200 | U11IR20/90/30 | 2.755 |
| 300 | U11IR30/90/30 | 2.956 |
| 400 | U11IR40/90/30 | 3.158 |
| 450 | U11IR45/90/30 | 3.259 |
| 500 | U11IR50/90/30 | 3.36 |
| 600 | U11IR60/90/30 | 3.561 |
| 750 | U11IR75/90/30 | 3.863 |
| 900 | U11IR90/90/30 | 4.165 |

U11 45° Inside Risers are available upon request

U11OR - Outside Riser



| Size (W) mm | U11 Outside Riser | |
|----------------|-------------------|-------------|
| | PG | Weight (kg) |
| 200 | U11OR20/90/30 | 2.755 |
| 300 | U11OR30/90/30 | 2.956 |
| 400 | U11OR40/90/30 | 3.158 |
| 450 | U11OR45/90/30 | 3.259 |
| 500 | U11OR50/90/30 | 3.36 |
| 600 | U11OR60/90/30 | 3.561 |
| 750 | U11OR75/90/30 | 3.863 |
| 900 | U11OR90/90/30 | 4.165 |

U11 Cable Ladder

U11 Cable Ladder Systems

U11ET - Tee



| Size (W) mm | U11 Tee | |
|----------------|---------------|-------------|
| | PG | Weight (kg) |
| 200 | U11ET20/20/30 | 4.131 |
| 300 | U11ET30/30/30 | 4.806 |
| 400 | U11ET40/40/30 | 5.29 |
| 450 | U11ET45/45/30 | 5.533 |
| 500 | U11ET50/50/30 | 5.775 |
| 600 | U11ET60/60/30 | 6.26 |
| 750 | U11ET75/75/30 | 6.987 |
| 900 | U11ET90/90/30 | 7.714 |

U11/SP - Straight Coupler



| Size (W) mm | U11 Straight Coupler *Pair* | |
|----------------|-----------------------------|-------------|
| | PG | Weight (kg) |
| 89 x 13 | U11/SP/PG | 0.5 |

U11/VSP - Verticle Coupler



| Size (W) mm | U11 Verticle Coupler *Pair* | |
|----------------|-----------------------------|-------------|
| | PG | Weight (kg) |
| 88 x 12 | U11/VSP/PG | 0.38 |

U11/RED - Reducing Plate



| Size (W) mm | U11 Reducing Plate | |
|----------------|--------------------|-------------|
| | PG | Weight (kg) |
| 89 x 13 | U11/RED/PG | 0.74 |

U11/HSP - Horizontal Coupler



| Size (W) mm | U11 Horizontal Coupler *Pair* | |
|----------------|-------------------------------|-------------|
| | PG | Weight (kg) |
| 90 x 10 | U11/HSP/PG | 0.157 |

Pipe Clips

Standard and Insulated Pipe Clips by
Atkore Unistrut

PIPE CLIPS CONTENTS

| Contents | Page Number |
|----------------|-------------|
| C-Clamps | 112 |
| Standard Range | 114 |
| Pipe Weights | 118 |

C-CLAMPS

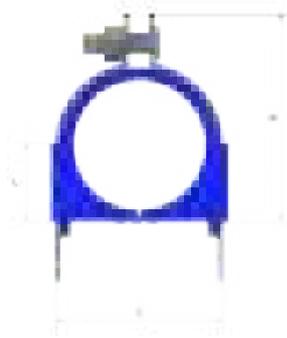
C-Clamps by Atkore Unistrut

Atkore Unistrut C-Clamps offer cushioned pipe support. The Unistrut branded C-Clamps are made from high quality steel and can be used in conjunction with Unistrut Channel.

Key Features:

Atkore Unistrut's C-Clamps Channel mounted clamping systems are ideal for multiple line runs, while absorbing shock and vibration, reducing unwanted noise and preventing galvanic corrosion.

- C-Clamps fit any standard 41mm wide channel profile
- Wide temperature operation -45C to >+135C
- Stud securely fastened to one clamp half
- Nylon insert nut assures a positive lock and plain nut also supplied if required
- Polymer insert ensures a positive grip
- Available in Zinc Dichromate and Stainless Steel
- Assembly consisting of steel clamp with locknut or Flange
- Nut & thermoplastic elastomer cushion
- All parts are marked for easy identification and individually packaged
- Our cushion is made from a thermoplastic elastomer, its built tough to withstand the effects of most oils, chemicals & industrial cleaning compounds, in temperatures from -50°F to +275°F (-45°C to +135°C)



Scan the QR code below for more information.



C-CLAMPS

C-Clamps Technical Information

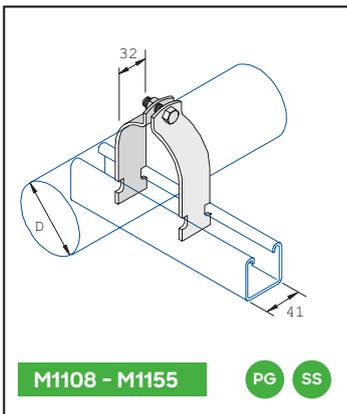
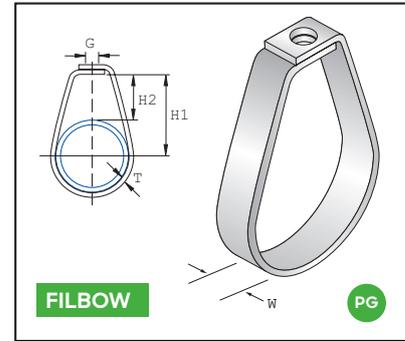
| Tube Series | | | | Pipe Series | | | Dim 'A' (Ø) (mm) | Dim 'B' (mm) | Dim 'C' (mm) | Dim 'D' (mm) | Wt/100 Kg |
|---------------------------|--------------------------------------|-------------------------------|-------------------------|---------------------------|--------------------------------------|-------------------|------------------|--------------|--------------|--------------|-----------|
| Assembly Steel ZD Part Nr | Assembly Stainless Steel 304 Part Nr | Copper and Steel Tube OD Size | Copper Water Pipe (Nom) | Assembly Steel ZD Part Nr | Assembly Stainless Steel 304 Part Nr | Nominal Pipe Size | | | | | |
| 014T0000 | 014T00SS | 1/4" | | | | | 6 | 15.7 | 6.4 | 24.9 | 4.5 |
| 038T014C | 038T00SS | 3/8" | 1/4" | | | | 10 | 20.8 | 8.1 | 28.7 | 5 |
| 012T038C | 012T00SS | 1/2" | | | | | 13 | 23.9 | 9.8 | 34 | 5.9 |
| | | | | 0000014P | 014P00SS | 1/4" | 14 | 24.9 | 11.3 | 34.1 | 5.9 |
| 058T012C | 058T00SS | 5/8" | 1/2" | | | | 16 | 26.9 | 12.2 | 39.1 | 6.4 |
| | | | | 0000038P | 038P00SS | 3/8" | 17 | 28.7 | 12.8 | 39.1 | 6.4 |
| 034T058C | 034T00SS | 3/4" | 5/8" | | | | 19 | 30.5 | 13.4 | 29.3 | 6.4 |
| | | | | 0000012P | | 1/2" | 21 | 32.6 | 15.3 | 46.2 | 6.8 |
| 078T034C | 078T00SS | 7/8" | 3/4" | | | | 22 | 33.3 | 15.1 | 46.2 | 6.8 |
| 100T0000 | 100T00SS | 1" | | | | | 25 | 36.6 | 17 | 49.5 | 7.7 |
| | | | | 0000034P | 034P00SS | 3/4" | 27 | 39.9 | 18.3 | 52.8 | 7.7 |
| 118T100C | 118T10SS | 1-1/8" | 1" | | | | 28 | 39.9 | 18.3 | 52.8 | 8.2 |
| 114T0000 | 114T00SS | 1-1/4" | | | | | 32 | 43.2 | 20.1 | 56.1 | 8.2 |
| | | | | 0000100P | 100P00SS | 1" | 33 | 44.7 | 21.1 | 59.4 | 8.6 |
| 138T114C | 138T00SS | 1-3/8" | 1-1/4" | | | | 35 | 46.2 | 21.2 | 59.4 | 9.1 |
| 112T0000 | 112T00SS | 1-1/2" | | | | | 38 | 49.5 | 23.5 | 62.7 | 15 |
| 158T112C | 158T00SS | 1-5/8" | 1-1/2" | | | | 41 | 52.6 | 24.9 | 66 | 15.9 |
| | | | | 0000114P | 114P00SS | 1-1/4" | 42 | 55.1 | 25.8 | 69.3 | 15.9 |
| 134T0000 | 134T00SS | 1-3/4" | | | | | 44 | 55.9 | 26.6 | 69.3 | 16.8 |
| 178T112P | 178T00SS | 1-7/8" | | 178T112P | 178T00SS | 1-1/2" | 48 | 58.9 | 28.3 | 72.6 | 17.7 |
| 200T0000 | 200T00SS | 2" | | | | | 51 | 62.2 | 29.5 | 77.2 | 20.9 |
| 218T200C | 218T00SS | 2-1/8" | 2" | | | | 54 | 65.3 | 32.4 | 82 | 21.3 |
| 214T0000 | 214T00SS | 2-1/4" | | | | | 60 | 71.6 | 36.1 | 93.3 | 22.2 |
| 238T200P | 238T00SS | 2-3/8" | | 238T200P | 238T00SS | 2" | 60 | 71.6 | 36.1 | 93.3 | 22.2 |
| 212T0000 | 212T00SS | 2-1/2" | | | | | 64 | 74.7 | 37.2 | 96.3 | 23.1 |
| 258T212C | 258T00SS | 2-5/8" | 2-1/2" | | | | 67 | 78 | 39.1 | 99.6 | 24.9 |
| 278T212P | 278T00SS | 2-7/8" | | 278T212P | 278T00SS | 2-1/2" | 73 | 84.3 | 42.5 | 105.9 | 25.9 |
| 300T0000 | 300T00SS | 3" | | | | | 76 | 90.7 | 45.4 | 112.3 | 27.2 |
| 318T300C | 318T00SS | 3-1/8" | 3" | | | | 79 | 90.7 | 45.5 | 112.3 | 27.2 |
| 356T0000 | 356T00SS | 3-5/16" | | | | | 84 | 100.6 | 47.6 | 120.7 | 28.1 |
| 312T300P | 312T00SS | 3-1/2" | | 312T300P | 312T00SS | 3" | 89 | 100.3 | 51 | 121.7 | 24.9 |
| 358T312C | 358T00SS | 3-5/8" | 3-1/2" | | | | 92 | 106.7 | 51.8 | 129.7 | 31.8 |
| 400T312P | 400T00SS | 4" | | 400T312P | 400T00SS | 3-1/2" | 102 | 113 | 58.2 | 129.8 | 39.9 |
| 418T400C | 418T00SS | 4-1/8" | 4" | | | | 105 | 116.1 | 59.8 | 140.7 | 42.6 |
| 456T0000 | 456T00SS | 4-5/16" | | | | | 110 | 126 | 61.4 | 148.3 | 45.4 |
| 412T400P | 456T00SS | 4-1/2" | | 412T400P | 456T00SS | 4" | 114 | 125.7 | 65.2 | 150.4 | 49.9 |
| 518T500C | 518T50SS | 5-1/8" | 5 | | | | 130 | 141.5 | 73.7 | 166.1 | 56.7 |
| | | | | 0000500P | 500T00SS | 5" | 141 | 152.6 | 78.1 | 175.8 | 59 |
| 600T0000 | 600T00SS | 6" | | | | | 152 | 166.9 | 85.3 | 191.5 | 59 |
| 618T600C | 618T00SS | 6-1/8" | 6 | | | | 155 | 166.9 | 85.1 | 191.5 | 60 |
| | | | | 0000600P | 600P00SS | 6" | 168 | 179.6 | 91.6 | 117.3 | 59 |

Atkore Unistrut Pipe Clips

Sprinkler Hangers

| Part No. | Finish | | D " | G ømm | W x T mm | H1 mm | H2 mm | w /100 | | Approval* | |
|----------|--------|----|--------|----------|-------------|----------|----------|-----------|----|-----------|------|
| | PG | SS | | | | | | | | | |
| FIL00212 | - | - | 1/2" | 11 | 25 x 1.2 | 35 | 20 | 5.0 | 50 | | |
| FIL00272 | - | - | 3/4" | 11 | 25 x 1.2 | 35 | 20 | 5.0 | 50 | FM | LPCB |
| FIL00342 | - | - | 1" | 11 | 25 x 1.2 | 43 | 26 | 5.0 | 50 | FM | LPCB |
| FIL00422 | - | - | 1 1/4" | 11 | 25 x 1.2 | 50 | 30 | 5.0 | 50 | FM | LPCB |
| FIL00482 | - | - | 1 1/2" | 11 | 25 x 1.2 | 60 | 35 | 6.0 | 50 | FM | LPCB |
| FIL00602 | - | - | 2" | 11 | 25 x 1.2 | 60 | 30 | 7.0 | 50 | FM | LPCB |
| FIL00762 | - | - | 2 1/2" | 11 | 25 x 1.6 | 81 | 33 | 10.0 | 25 | FM | LPCB |
| FIL00892 | - | - | 3" | 11 | 25 x 1.6 | 85 | 40 | 11.0 | 25 | FM | LPCB |
| FIL01142 | - | - | 4" | 11 | 32 x 1.6 | 113 | 56 | 20.0 | 25 | FM | LPCB |
| FIL01682 | - | - | 6" | 13 | 32 x 2.5 | 145 | 60 | 40.0 | 20 | FM | LPCB |
| FIL02192 | - | - | 8" | 18 | 40 x 3.0 | 200 | 90 | 75.0 | 10 | FM | LPCB |
| FIL02732 | - | - | 10" | 22 | 50 x 3.0 | 250 | 130 | 115.0 | 5 | | |

*Approval only applicable for finish

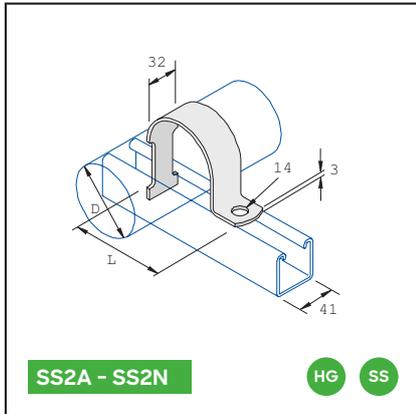


| Part No. | Finish | | D mm | w | |
|----------|--------|----|-------------|-----|----|
| | PG | SS | | | |
| M1108 | - | - | 8.7 - 10.3 | 35 | 20 |
| M1109 | - | - | 10.3 - 12.7 | 37 | 20 |
| M1110 | - | - | 11.9 - 13.5 | 38 | 20 |
| M1111 | - | - | 13.5 - 14.3 | 39 | 20 |
| M1112 | - | - | 14.3 - 16.7 | 40 | 20 |
| M1113 | - | - | 15.9 - 18.3 | 41 | 20 |
| M1114 | - | - | 18.3 - 20.6 | 45 | 20 |
| M1115 | - | - | 19.0 - 21.4 | 47 | 20 |
| M1116 | - | - | 21.4 - 25.4 | 49 | 20 |
| M1117 | - | - | 25.4 - 27.8 | 53 | 20 |
| M1118 | - | - | 27.0 - 30.2 | 64 | 20 |
| M1119 | - | - | 30.2 - 33.8 | 72 | 20 |
| M1120 | - | - | 31.8 - 35.9 | 72 | 20 |
| M1121 | - | - | 34.9 - 39.7 | 79 | 20 |
| M1122 | - | - | 39.7 - 42.9 | 84 | 20 |
| M1123 | - | - | 42.9 - 46.8 | 90 | 20 |
| M1124 | - | - | 46.8 - 50.8 | 128 | 20 |
| M1125 | - | - | 48.4 - 52.4 | 131 | 20 |
| M1126 | - | - | 52.4 - 58.7 | 137 | 20 |
| M1127 | - | - | 58.7 - 63.5 | 150 | 20 |
| M1128 | - | - | 63.5 - 68.3 | 160 | 20 |
| M1129 | - | - | 68.3 - 73.0 | 164 | 20 |
| M1130 | - | - | 73.0 - 79.4 | 171 | 20 |
| M1131 | - | - | 76.2 - 82.6 | 175 | 20 |

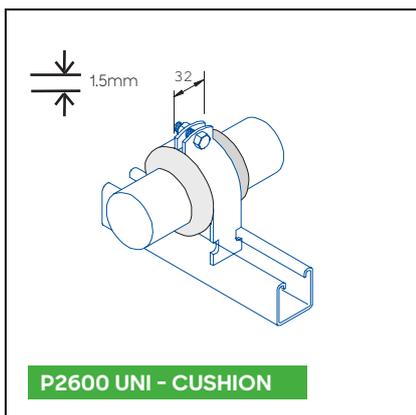
| Part No. | Finish | | D mm | w | |
|----------|--------|----|---------------|-----|----|
| | PG | SS | | | |
| M1132 | - | - | 82.6 - 88.1 | 35 | 20 |
| M1133 | - | - | 88.1 - 95.2 | 37 | 20 |
| M1134 | - | - | 95.2 - 100.0 | 38 | 20 |
| M1135 | - | - | 100.0 - 106.4 | 39 | 20 |
| M1136 | - | - | 106.4 - 111.1 | 40 | 20 |
| M1137 | - | - | 111.1 - 120.7 | 41 | 10 |
| M1138 | - | - | 120.7 - 129.4 | 45 | 10 |
| M1139 | - | - | 129.4 - 138.1 | 47 | 10 |
| M1140 | - | - | 138.1 - 149.2 | 49 | 10 |
| M1141 | - | - | 149.2 - 161.9 | 53 | 10 |
| M1142 | - | - | 161.9 - 174.6 | 64 | 10 |
| M1143 | - | - | 174.6 - 182.6 | 72 | 10 |
| M1144 | - | - | 182.6 - 190.5 | 72 | 10 |
| M1145 | - | - | 190.5 - 203.2 | 79 | 10 |
| M1146 | - | - | 203.2 - 212.7 | 84 | 10 |
| M1147 | - | - | 212.7 - 225.4 | 90 | 10 |
| M1148 | - | - | 225.4 - 238.1 | 128 | 10 |
| M1149 | - | - | 238.1 - 250.8 | 131 | 10 |
| M1150 | - | - | 250.8 - 263.5 | 137 | 10 |
| M1151 | - | - | 263.5 - 276.2 | 150 | 10 |
| M1152 | - | - | 275.2 - 288.9 | 160 | 10 |
| M1153 | - | - | 288.9 - 301.6 | 164 | 10 |
| M1154 | - | - | 301.6 - 314.3 | 171 | 10 |
| M1155 | - | - | 314.3 - 327.0 | 175 | 10 |

Pipe Clips

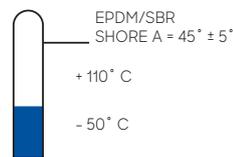
Atkore Unistrut Pipe Clips



| Part No. | Finish | | D | | L mm | W mm | Icon |
|----------|--------|----|-----|-------|---------|---------|------|
| | HG | SS | " | NB/DN | | | |
| SS2/A | . | . | 15 | 21 | 66 | 0.06 | 75 |
| SS2/B | . | . | 20 | 27 | 73 | 0.07 | 75 |
| SS2/C | . | . | 25 | 34 | 81 | 0.09 | 75 |
| SS2/D | . | . | 32 | 43 | 90 | 0.10 | 50 |
| SS2/E | . | . | 40 | 48 | 96 | 0.12 | 75 |
| SS2/F | . | . | 50 | 60 | 96 | 0.14 | 40 |
| SS2/G | . | . | 65 | 76 | 113 | 0.17 | 25 |
| SS2/H | . | . | 80 | 90 | 125 | 0.20 | 25 |
| SS2/J | . | . | 90 | 102 | 137 | 0.22 | 10 |
| SS2/K | . | . | 100 | 115 | 150 | 0.25 | 10 |
| SS2/L | . | . | 125 | 140 | 175 | 0.30 | 10 |
| SS2/M | . | . | 150 | 168 | 204 | 0.36 | 10 |
| SS2/N | . | . | 200 | 220 | 255 | 0.46 | 10 |



| Part No. | Size mm | T mm | L m | W kg |
|----------|------------|---------|--------|---------|
| P2600 | 32 | 15 | 8 | 1.02 |



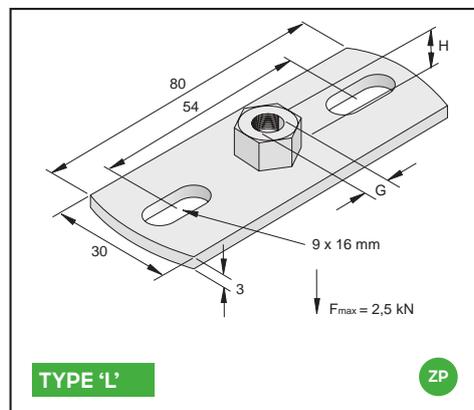
EPDM insulation for M11 and SS2 series clamps

Pipe Clips

Atkore Unistrut Pipe Clips

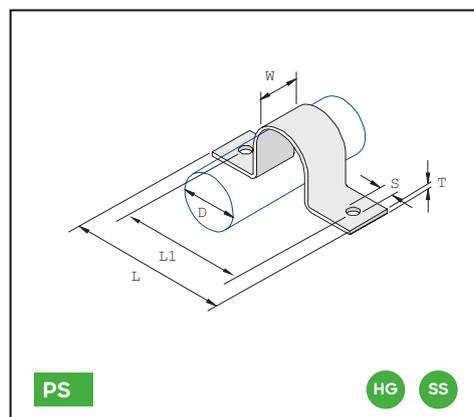
Base Plates with Thread Connector

| Part No. | Finish ZP | G | H mm | W |  |
|-----------|--------------|--------|---------|------|---|
| 146 00 81 | - | M8 | 11 | 0.06 | 100 |
| 146 01 01 | - | M10 | 11 | 0.06 | 100 |
| 146 01 21 | - | M12 | 13 | 0.06 | 100 |
| 146 01 08 | - | M8/M10 | 17 | 0.06 | 100 |
| 146 02 21 | - | 1/2" | 18 | 0.07 | 50 |
| 146 02 81 | - | 3/4" | 20 | 0.09 | 50 |



Industrial Pipe Clamps

| HG Part No. | SS Part No. | " | D NB/DN | W x T mm | S mm | L mm | L1 mm |
|----------------|----------------|--------|------------|-------------|---------|---------|----------|
| PS0153 | PS0154 | 1/2" | 15 | 40x3 | 11 | 108 | 68 |
| PS0203 | PS0204 | 3/4" | 20 | 40x3 | 11 | 113 | 73 |
| PS0253 | PS0254 | 1" | 25 | 40x3 | 11 | 120 | 80 |
| PS0323 | PS0324 | 1 1/4" | 32 | 40x3 | 11 | 128 | 88 |
| PS0403 | PS0404 | 1 1/2" | 40 | 40x3 | 11 | 134 | 94 |
| PS0503 | PS0504 | 2" | 50 | 40x4 | 11 | 148 | 108 |
| PS0653 | PS0654 | 2 1/2" | 65 | 40x4 | 11 | 164 | 124 |
| PS0803 | PS0804 | 3" | 80 | 40x4 | 11 | 177 | 137 |
| PS1003 | PS1004 | 4" | 100 | 40x4 | 14 | 202 | 162 |
| PS1253 | PS1254 | 5" | 125 | 40x6 | 14 | 231 | 191 |
| PS1503 | PS1504 | 6" | 150 | 40x6 | 14 | 260 | 220 |
| PS2003 | PS2004 | 8" | 200 | 40x6 | 14 | 301 | 261 |
| PS2503 | PS2504 | 10" | 250 | 50x6 | 18 | 385 | 335 |
| PS3003 | PS3004 | 12" | 300 | 50x6 | 18 | 435 | 385 |

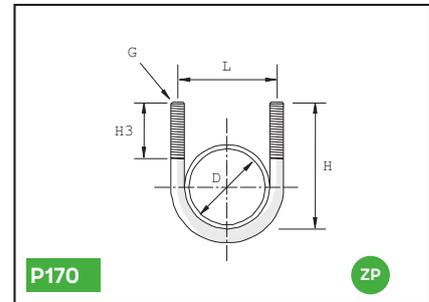


Pipe Clips

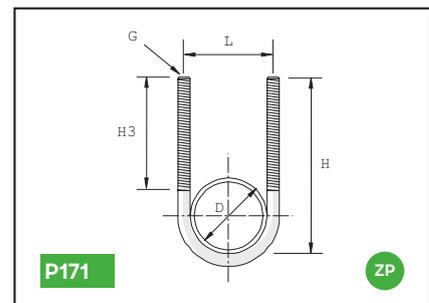
Atkore Unistrut Pipe Clips

U-Bolts

| Part No. | Finish ZP | G | DN | " | D mm | H3 mm | H mm | L mm | |
|-----------|-----------|-----|-----|--------|-------|-------|------|------|-----|
| 170002102 | - | M6 | 15 | 1/2" | 21.3 | 20 | 37 | 29 | 100 |
| 170002112 | - | M8 | 15 | 1/2" | 21.3 | 20 | 37 | 31 | 100 |
| 170002702 | - | M6 | 20 | 3/4" | 26.9 | 25 | 48 | 34 | 100 |
| 170002712 | - | M8 | 20 | 3/4" | 26.9 | 36 | 64 | 36 | 100 |
| 170003402 | - | M6 | 25 | 1" | 33.7 | 32 | 60 | 41 | 100 |
| 170003412 | - | M8 | 25 | 1" | 33.7 | 30 | 44 | 41 | 100 |
| 170003422 | - | M10 | 25 | 1" | 33.7 | 30 | 52 | 46 | 100 |
| 170004212 | - | M8 | 32 | 1 1/4" | 42.4 | 35 | 67 | 52 | 100 |
| 170004222 | - | M10 | 32 | 1 1/4" | 42.4 | 35 | 67 | 54 | 100 |
| 170004812 | - | M8 | 40 | 1 1/2" | 48.3 | 40 | 78 | 57 | 100 |
| 170004822 | - | M10 | 40 | 1 1/2" | 48.3 | 40 | 78 | 59 | 100 |
| 170006012 | - | M8 | 50 | 2" | 60.3 | 35 | 90 | 71 | 100 |
| 170006022 | - | M10 | 50 | 2" | 60.3 | 40 | 90 | 73 | 100 |
| 170006032 | - | M12 | 50 | 2" | 60.3 | 35 | 90 | 75 | 100 |
| 170007622 | - | M10 | 65 | 2 1/2" | 76.1 | 40 | 103 | 89 | 100 |
| 170007632 | - | M12 | 65 | 2 1/2" | 76.1 | 35 | 105 | 91 | 100 |
| 170008922 | - | M10 | 80 | 3" | 88.9 | 50 | 115 | 100 | 50 |
| 170008932 | - | M12 | 80 | 3" | 88.9 | 38 | 115 | 102 | 50 |
| 170011422 | - | M10 | 100 | 4" | 114.3 | 50 | 146 | 124 | 50 |
| 170011432 | - | M12 | 100 | 4" | 114.3 | 50 | 144 | 126 | 50 |
| 170011442 | - | M16 | 100 | 4" | 114.3 | 38 | 140 | 130 | 50 |
| 170013932 | - | M12 | 125 | 5" | 139.7 | 60 | 173 | 156 | 25 |
| 170013942 | - | M16 | 125 | 5" | 139.7 | 38 | 170 | 160 | 25 |
| 170016832 | - | M12 | 150 | 6" | 168.3 | 60 | 198 | 182 | 25 |
| 170016842 | - | M16 | 150 | 6" | 168.3 | 38 | 191 | 186 | 25 |
| 170021932 | - | M12 | 200 | 8" | 219.1 | 60 | 255 | 236 | 25 |
| 170021942 | - | M16 | 200 | 8" | 219.1 | 38 | 255 | 240 | 25 |
| 170027332 | - | M12 | 250 | 10" | 273.0 | 38 | 313 | 290 | 1 |
| 170027342 | - | M16 | 250 | 10" | 273.0 | 38 | 313 | 294 | 1 |
| 170027352 | - | M20 | 250 | 10" | 273.0 | 38 | 313 | 298 | 1 |
| 170032432 | - | M12 | 300 | 12" | 323.9 | 38 | 364 | 341 | 1 |
| 170032442 | - | M16 | 300 | 12" | 323.9 | 38 | 364 | 345 | 1 |
| 170032452 | - | M20 | 300 | 12" | 323.9 | 38 | 364 | 349 | 1 |



| Part No. | Finish ZP | G | DN | " | D mm | H3 mm | H mm | L mm | |
|-----------|-----------|-----|-----|--------|-------|-------|------|------|-----|
| 171002102 | - | M6 | 15 | 1/2" | 21.3 | 70 | 97 | 29 | 100 |
| 171002112 | - | M8 | 15 | 1/2" | 21.3 | 70 | 97 | 31 | 100 |
| 171002702 | - | M6 | 20 | 3/4" | 26.9 | 70 | 109 | 34 | 100 |
| 171002712 | - | M8 | 20 | 3/4" | 26.9 | 70 | 109 | 36 | 100 |
| 171003402 | - | M6 | 25 | 1" | 33.7 | 70 | 111 | 41 | 100 |
| 171003412 | - | M8 | 25 | 1" | 33.7 | 70 | 111 | 44 | 100 |
| 171003422 | - | M10 | 25 | 1" | 33.7 | 70 | 111 | 46 | 100 |
| 171004212 | - | M8 | 32 | 1 1/4" | 42.4 | 90 | 122 | 52 | 100 |
| 171004222 | - | M10 | 32 | 1 1/4" | 42.4 | 90 | 122 | 54 | 100 |
| 171004812 | - | M8 | 40 | 1 1/2" | 48.3 | 90 | 127 | 57 | 100 |
| 171004822 | - | M10 | 40 | 1 1/2" | 48.3 | 90 | 127 | 59 | 100 |
| 171006012 | - | M8 | 50 | 2" | 60.3 | 90 | 140 | 71 | 100 |
| 171006022 | - | M10 | 50 | 2" | 60.3 | 90 | 140 | 73 | 100 |
| 171007622 | - | M10 | 65 | 2 1/2" | 76.1 | 90 | 152 | 89 | 100 |
| 171008922 | - | M10 | 80 | 3" | 88.9 | 90 | 168 | 100 | 50 |
| 171008932 | - | M12 | 80 | 3" | 88.9 | 90 | 168 | 102 | 50 |
| 171011422 | - | M10 | 100 | 4" | 114.3 | 90 | 193 | 124 | 50 |
| 171011432 | - | M12 | 100 | 4" | 114.3 | 90 | 193 | 126 | 50 |
| 171013932 | - | M12 | 125 | 5" | 139.7 | 90 | 213 | 156 | 25 |
| 171016832 | - | M12 | 150 | 6" | 168.3 | 90 | 240 | 182 | 25 |
| 171016842 | - | M16 | 150 | 6" | 168.3 | 90 | 240 | 186 | 25 |
| 171021932 | - | M12 | 200 | 8" | 219.1 | 90 | 313 | 236 | 25 |
| 171021942 | - | M16 | 200 | 8" | 219.1 | 90 | 313 | 240 | 25 |
| 171027332 | - | M12 | 250 | 10" | 273.0 | 100 | 363 | 290 | 1 |
| 171027342 | - | M16 | 250 | 10" | 273.0 | 100 | 363 | 294 | 1 |
| 171032432 | - | M12 | 300 | 12" | 323.9 | 100 | 413 | 341 | 1 |
| 171032442 | - | M16 | 300 | 12" | 323.9 | 100 | 413 | 345 | 1 |
| 171032452 | - | M20 | 300 | 12" | 323.9 | 100 | 413 | 349 | 1 |



Pipe Weights

Atkore Unistrut Pipe Clips

| Size DN | " | ø Outside (mm) | thickness (mm) | weight (Kg/m) | plus water (Kg/m) | plus isol. (Kg/m) | max span (m) |
|------------|---|-------------------|-------------------|------------------|----------------------|----------------------|-----------------|
|------------|---|-------------------|-------------------|------------------|----------------------|----------------------|-----------------|

Pipes according DIN 2440

| | | | | | | | |
|-----|--------|-------|------|-------|-------|------|------|
| 10 | 3/8" | 17.2 | 2.35 | 0.89 | 1.01 | 1.3 | 1.35 |
| 15 | 1/2" | 21.3 | 2.65 | 1.27 | 1.47 | 1.8 | 1.50 |
| 20 | 3/4" | 26.9 | 2.65 | 1.65 | 2.02 | 2.4 | 1.80 |
| 25 | 1" | 33.7 | 3.25 | 2.55 | 3.13 | 3.9 | 2.10 |
| 32 | 1 1/4" | 42.4 | 3.25 | 3.28 | 4.30 | 5.7 | 2.40 |
| 40 | 1 1/2" | 48.3 | 3.25 | 3.77 | 5.15 | 6.6 | 2.60 |
| 50 | 2" | 60.3 | 3.65 | 5.33 | 7.55 | 9.9 | 3.00 |
| 65 | 2 1/2" | 76.1 | 3.65 | 6.80 | 10.52 | 15.0 | 3.20 |
| 80 | 3" | 88.9 | 4.05 | 8.85 | 13.98 | 19.9 | 3.50 |
| 100 | 4" | 114.3 | 4.50 | 12.60 | 21.30 | 30.9 | 4.20 |
| 125 | 5" | 139.7 | 4.85 | 16.90 | 30.17 | 40.6 | 4.06 |
| 150 | 6" | 165.1 | 4.85 | 20.10 | 39.06 | 50.4 | 5.30 |

Steel pipes according to DIN 2448

| | | | | | | | |
|-----|--------|-------|-------|--------|--------|-------|------|
| 10 | 3/8" | 17.2 | 1.80 | 0.69 | 0.93 | 1.5 | 1.40 |
| 15 | 1/2" | 21.3 | 2.00 | 0.96 | 1.20 | 2.5 | 1.60 |
| 20 | 3/4" | 26.9 | 2.30 | 1.41 | 1.80 | 3.2 | 1.85 |
| 25 | 1" | 33.7 | 2.60 | 2.01 | 2.65 | 4.3 | 2.15 |
| 32 | 1 1/4" | 42.4 | 2.60 | 2.70 | 3.91 | 5.5 | 2.50 |
| 40 | 1 1/2" | 48.3 | 2.60 | 2.95 | 4.41 | 6.0 | 2.60 |
| 46 | | 51.0 | 2.60 | 3.12 | 4.77 | 6.5 | 2.70 |
| 50 | | 57.0 | 2.90 | 3.90 | 5.96 | 7.6 | 2.80 |
| 50 | 2" | 60.3 | 2.90 | 4.14 | 6.47 | 9.0 | 3.00 |
| 57 | | 63.5 | 2.90 | 4.36 | 6.97 | 9.5 | 3.00 |
| 65 | 2 1/2" | 76.1 | 2.90 | 5.28 | 9.16 | 13.9 | 3.50 |
| 76 | | 82.5 | 3.20 | 6.31 | 10.86 | 15.2 | 3.65 |
| 80 | 3" | 88.9 | 3.20 | 6.81 | 12.15 | 18.4 | 3.80 |
| 94 | | 101.6 | 3.60 | 8.76 | 15.76 | 24.8 | 4.00 |
| 100 | | 108.0 | 3.60 | 9.33 | 17.31 | 27.5 | 4.10 |
| 100 | 4" | 114.3 | 3.60 | 9.90 | 18.90 | 28.8 | 4.20 |
| | | 127.0 | 4.00 | 12.20 | 23.32 | 35.1 | 4.35 |
| 125 | | 133.0 | 4.00 | 12.80 | 25.07 | 36.5 | 4.40 |
| 125 | 5" | 139.7 | 4.00 | 13.50 | 27.12 | 38.2 | 4.50 |
| | | 152.4 | 4.50 | 16.40 | 32.54 | 46.5 | 4.75 |
| 150 | | 159.0 | 4.50 | 17.10 | 34.76 | 48.9 | 4.80 |
| 150 | 6" | 168.3 | 4.50 | 18.10 | 50.6 | 36.93 | 4.90 |
| | | 177.8 | 5.00 | 21.30 | 43.40 | 58.9 | 5.00 |
| | | 193.7 | 5.40 | 25.00 | 51.26 | 66.5 | 5.20 |
| 200 | 8" | 219.1 | 5.90 | 31.00 | 64.73 | 79.5 | 5.50 |
| | | 267.0 | 6.30 | 40.60 | 91.40 | 108.5 | 5.90 |
| 250 | 10" | 273.0 | 6.30 | 41.60 | 95.40 | 111.7 | 5.90 |
| | | 298.5 | 7.10 | 51.10 | 116.60 | 137.5 | 6.20 |
| | | 318.0 | 7.10 | 57.40 | 129.50 | 150.0 | 6.40 |
| 300 | 12" | 323.9 | 7.10 | 55.60 | 130.85 | 150.0 | 6.40 |
| 400 | 16" | 406.4 | 8.80 | 85.90 | 204.40 | 227.7 | 7.10 |
| 500 | 20" | 508.0 | 11.00 | 135.00 | 320.50 | 345.5 | 8.00 |

Drainpipes according to DIN 19500

| | | | | | |
|-----|-------|------|-------|-------|------|
| 50 | 60.0 | 3.50 | 5.30 | 7.50 | 0.60 |
| 70 | 80.0 | 3.50 | 7.10 | 11.28 | 0.80 |
| 100 | 112.0 | 4.00 | 10.30 | 18.79 | 1.15 |
| 125 | 137.0 | 4.00 | 13.70 | 26.76 | 1.35 |
| 150 | 162.0 | 5.00 | 17.30 | 35.43 | 1.60 |
| 200 | 212.0 | 6.00 | 32.70 | 64.10 | 2.00 |

Ductile pipes (SMLML)

| | | | | |
|-----|-------|-----|--------|--------|
| 40 | 48.0 | 3.5 | 3.00 | 4.40 |
| 50 | 58.0 | 3.5 | 4.30 | 6.40 |
| 70 | 78.0 | 3.5 | 5.90 | 9.90 |
| 100 | 110.0 | 3.5 | 8.40 | 17.70 |
| 125 | 135.0 | 4.0 | 11.80 | 24.50 |
| 150 | 160.0 | 4.0 | 14.10 | 32.30 |
| 200 | 210.0 | 5.0 | 23.10 | 54.60 |
| 250 | 274.0 | 5.5 | 33.30 | 87.70 |
| 300 | 326.0 | 6.0 | 43.20 | 120.80 |
| 400 | 429.0 | 8.1 | 75.50 | 208.80 |
| 500 | 532.0 | 9.0 | 104.30 | 311.80 |
| 600 | 635.0 | 9.9 | 137.10 | 434.20 |

+/- 1.5 meter
(Based upon manufacturers data)

| Size DN | " | ø Outside (mm) | thickness (mm) | weight (Kg/m) | plus water (Kg/m) | plus isol. (Kg/m) | max span (m) |
|------------|---|-------------------|-------------------|------------------|----------------------|----------------------|-----------------|
|------------|---|-------------------|-------------------|------------------|----------------------|----------------------|-----------------|

Drainpipes... PE (Geberit)

| | | | | | | | |
|-----|--|-------|-----|------|-------|--|------|
| 26 | | 32.0 | 3.0 | 0.27 | 0.80 | | 0.32 |
| 34 | | 40.0 | 3.0 | 0.34 | 1.25 | | 0.40 |
| 40 | | 50.0 | 3.0 | 0.44 | 1.96 | | 0.50 |
| 50 | | 56.0 | 3.0 | 0.50 | 2.46 | | 0.56 |
| 60 | | 63.0 | 3.0 | 0.56 | 3.11 | | 0.63 |
| 70 | | 75.0 | 3.0 | 0.67 | 4.41 | | 0.75 |
| 80 | | 90.0 | 3.5 | 0.95 | 6.36 | | 0.90 |
| 100 | | 110.0 | 4.3 | 1.43 | 9.50 | | 1.10 |
| 125 | | 125.0 | 4.9 | 1.81 | 12.27 | | 1.25 |
| 150 | | 160.0 | 6.2 | 3.00 | 20.10 | | 1.60 |
| 200 | | 200.0 | 6.2 | 3.83 | 31.45 | | 2.00 |
| 250 | | 250.0 | 7.8 | 6.01 | 49.15 | | 2.50 |
| 315 | | 315.0 | 9.8 | 9.65 | 78.20 | | |

Drainpipes, PVC, hard

| | | | | | | | |
|-----|--|-------|-----|------|-------|--|------|
| 50 | | 50.0 | 1.8 | 0.24 | 1.28 | | 0.50 |
| 60 | | 63.0 | 1.9 | 0.30 | 1.99 | | 0.60 |
| 70 | | 75.0 | 1.9 | 0.49 | 3.93 | | 0.75 |
| 100 | | 110.0 | 2.7 | 1.02 | 8.00 | | 1.10 |
| 125 | | 125.0 | 3.1 | 1.35 | 12.43 | | 1.25 |
| 150 | | 160.0 | 3.9 | 2.15 | 18.03 | | 1.60 |

Copper pipes DIN 1786 and 1754

| | | | | | | | |
|-----|--|-------|-----|-------|-------|------|----------|
| 10 | | 10.0 | 1.0 | 0.25 | 0.30 | 0.4 | max 0.5m |
| 12 | | 12.0 | 1.0 | 0.30 | 0.38 | 0.5 | max 0.5m |
| 15 | | 15.0 | 1.0 | 0.39 | 0.52 | 0.8 | max 1.0m |
| 18 | | 18.0 | 1.0 | 0.47 | 0.67 | 1.0 | max 1.0m |
| 22 | | 22.0 | 1.0 | 0.58 | 0.90 | 1.3 | max 1.5m |
| 28 | | 28.0 | 1.5 | 1.11 | 1.60 | 2.4 | max 1.5m |
| 35 | | 35.0 | 1.5 | 1.42 | 2.21 | 3.1 | max 1.5m |
| 42 | | 42.0 | 1.5 | 1.70 | 2.89 | 4.4 | max 1.5m |
| 54 | | 54.0 | 2.0 | 2.91 | 4.87 | 7.3 | max 1.5m |
| 64 | | 64.0 | 2.0 | 3.47 | 6.29 | 9.8 | max 2.0m |
| 70 | | 70.0 | 2.0 | 3.80 | 7.21 | 12.9 | max 2.0m |
| 74 | | 74.0 | 2.0 | 4.03 | 7.87 | 13.5 | max 2.0m |
| 80 | | 80.0 | 2.0 | 4.36 | 8.89 | 14.7 | max 2.0m |
| 104 | | 104.0 | 2.0 | 5.70 | 13.55 | 25.5 | max 3.0m |
| 125 | | 125.0 | 3.0 | 10.20 | 21.31 | 33.5 | max 3.0m |
| 131 | | 131.0 | 3.0 | 10.70 | 22.96 | 35.0 | max 2.0m |

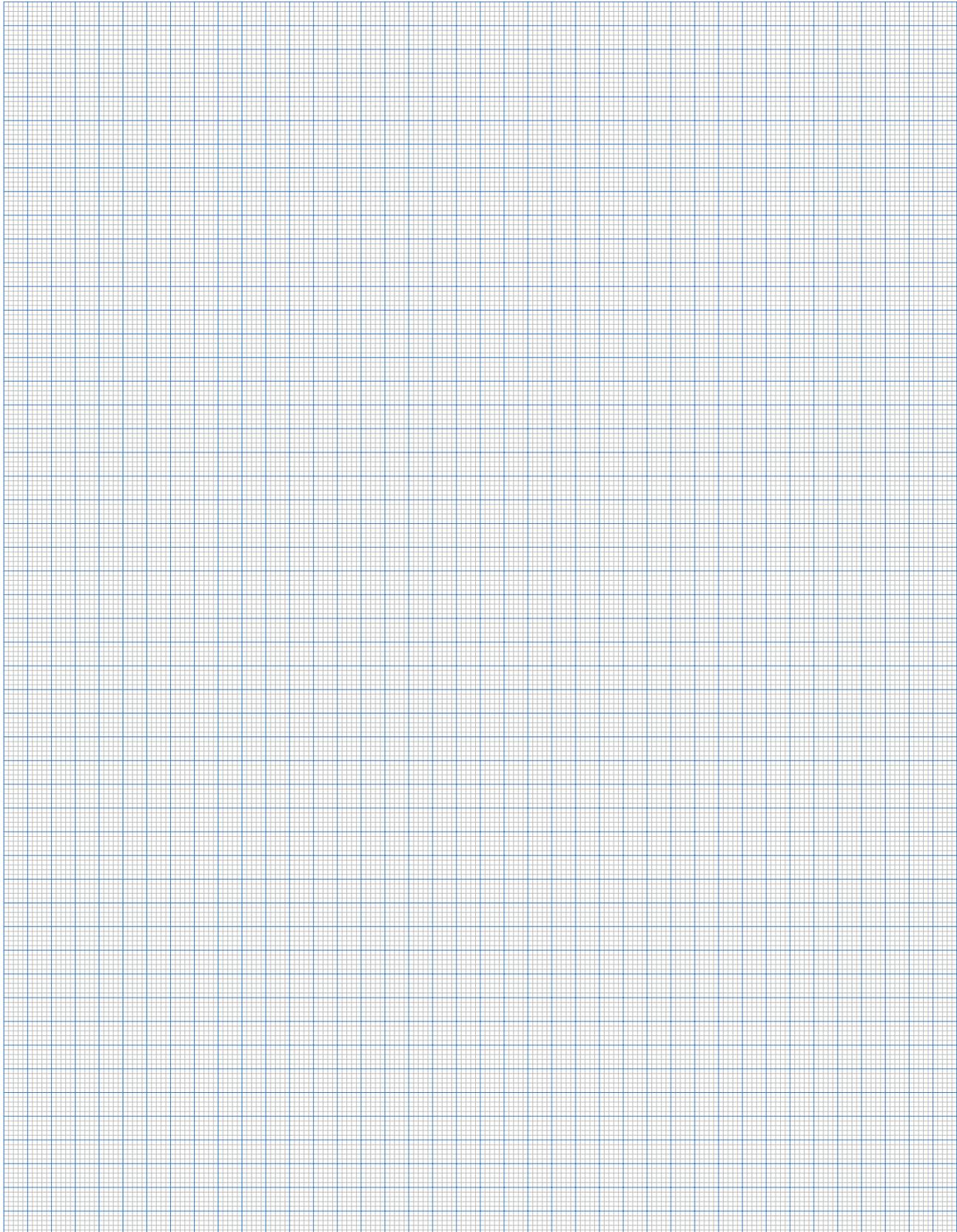
| Size DN | mm | weight per meter by thickness DIN24145 | | | | |
|------------|----|---|-------|-------|-------|-------|
| | mm | 0.4mm | 0.6mm | 0.8mm | 1.0mm | 1.2mm |

Ventilation ducts

| | | | | | | | |
|------|------|-----|-----|------|-------|-------|-------|
| 80 | 80 | 0.4 | 0.9 | 1.35 | | | |
| 100 | 100 | 0.6 | 1.1 | 1.69 | 2.25 | | |
| 112 | 112 | 0.6 | 1.2 | 1.89 | 2.52 | | |
| 125 | 125 | 0.6 | 1.4 | 2.11 | 2.81 | | |
| 140 | 140 | 0.6 | 1.5 | 2.36 | 3.15 | | |
| 150 | 150 | 0.6 | | 2.53 | 3.38 | | |
| 160 | 160 | 0.6 | | 2.70 | 3.60 | | |
| 180 | 180 | 0.6 | | 3.07 | 4.05 | | |
| 200 | 200 | 0.6 | | 3.38 | 4.50 | 5.63 | |
| 224 | 224 | 0.6 | | 3.78 | 5.04 | 6.30 | |
| 250 | 250 | 0.6 | | 4.22 | 5.63 | 7.03 | |
| 280 | 280 | 0.6 | | 4.73 | 6.30 | 7.88 | |
| 300 | 300 | 0.6 | | 5.06 | 6.75 | 8.44 | |
| 315 | 315 | 0.6 | | 5.32 | 7.09 | 8.86 | |
| 355 | 355 | 0.8 | | 5.99 | 7.99 | 10.00 | |
| 400 | 400 | 0.8 | | 6.75 | 9.00 | 11.30 | 13.77 |
| 450 | 450 | 0.8 | | | 10.13 | 12.70 | 15.49 |
| 500 | 500 | 0.8 | | | 11.25 | 14.10 | 17.21 |
| 560 | 560 | 1.0 | | | 12.60 | 12.80 | 19.28 |
| 600 | 600 | 1.0 | | | 13.50 | 16.80 | 20.65 |
| 630 | 630 | 1.0 | | | 14.18 | 17.70 | 21.69 |
| 710 | 710 | 1.0 | | | 15.98 | 20.00 | 24.44 |
| 800 | 800 | 1.0 | | | | 22.50 | 27.54 |
| 900 | 900 | 1.0 | | | | 25.30 | 30.98 |
| 1000 | 1000 | 1.2 | | | | 28.10 | 34.42 |

Notes

0.5cm x 0.5cm



Steel Cable Trunking Systems



About Us

Atkore Unistrut's Flytec Range

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Over 90 years of experience

With a committed team, years of experience, in-depth knowledge and a full understanding of cable trunking manufacturing, Atkore Unistrut & Marco is one of the industry leaders and the business is constantly looking at ways to improve products and services.

Atkore Unistrut & Marco research the latest technologies and its advances in the industry, in order to bring added value to the customers by investing in the best equipment to ensure the business provide the best products available.

By listening to customers' needs, we strive to provide high quality products and services that meet and exceed expectations.

“Our mission is to be the customer’s first choice by providing unmatched quality, delivery and value based on sustainable excellence in strategy, people and processes.”

Personal Service

Atkore Unistrut & Marco are delighted to bring the benefits of many years experience in the industry and offer a total solution to on-site requirements.

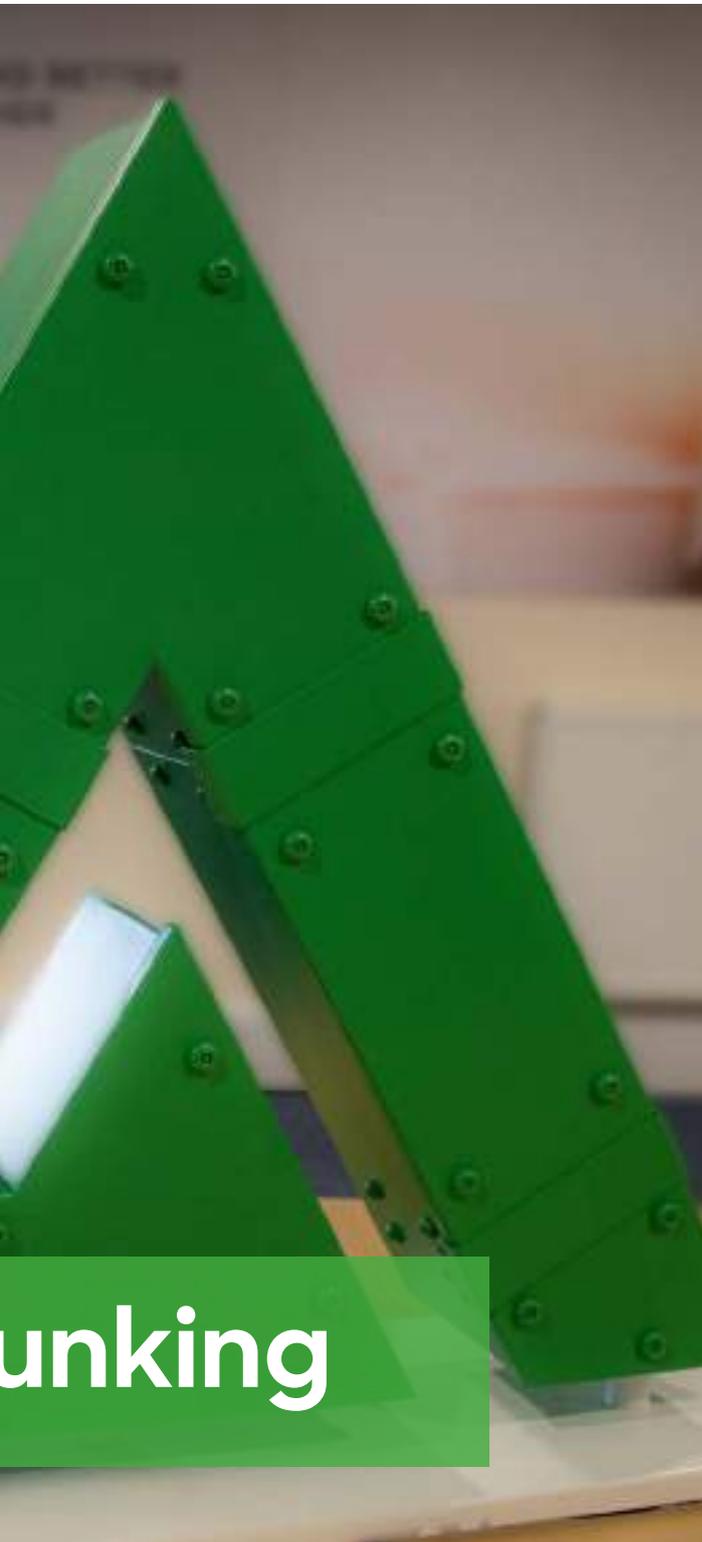
Custom Made Solutions

Sharing experience, knowledge, and expertise. The business continues to make investments in people, products, and services. This contributes towards Atkore Unistrut & Marco's success in a wide range of industry sectors.



Leading the way in Cable Tru

About Us



Quality Systems

Atkore Unistrut offer quality Galvanised and painted products to suit your project requirements. Taking the business to the areas of expertise ensures that the business continues to bring high levels of customer service and quality products.

Environmental Policy

Working closely with regulators and environmental groups, we are committed to protecting the environment as responsible citizens. To achieve these aims we will:

- Comply with environmental laws and regulations
- Work continuously to improve the effectiveness of our environmental management
- Provide appropriate environmental training for all employees
- Seek to reduce the amount of waste at our facilities
- Re-use and recycle wherever possible
- Monitor our environmental performance to ensure we meet the standards set by ourselves
- Communicate and reinforce this policy throughout the company

British Standards

The Flytec range conforms to the following British Standards:

- BS EN 50085-1
- BS EN 50085-2
- BS EN 10142
- BS EN 10143

Building Better Together

Together, Atkore Unistrut & Marco offer a 'one-stop-shop' for all your metal framing and cable management needs. From Steel Surface Trunking, to Underfloor and Service Boxes. The Flytec range is the perfect choice for your next cable containment project.



Site survey, Measure & Design Service

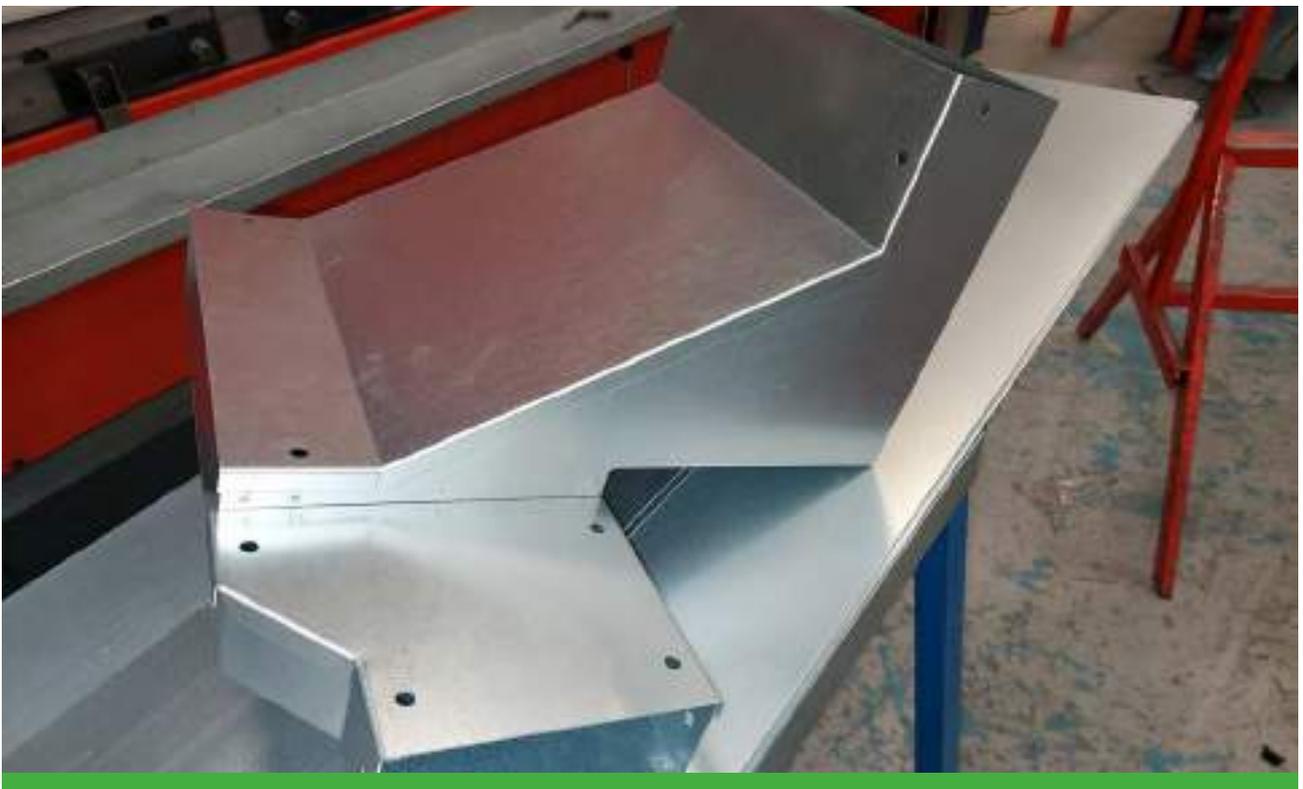
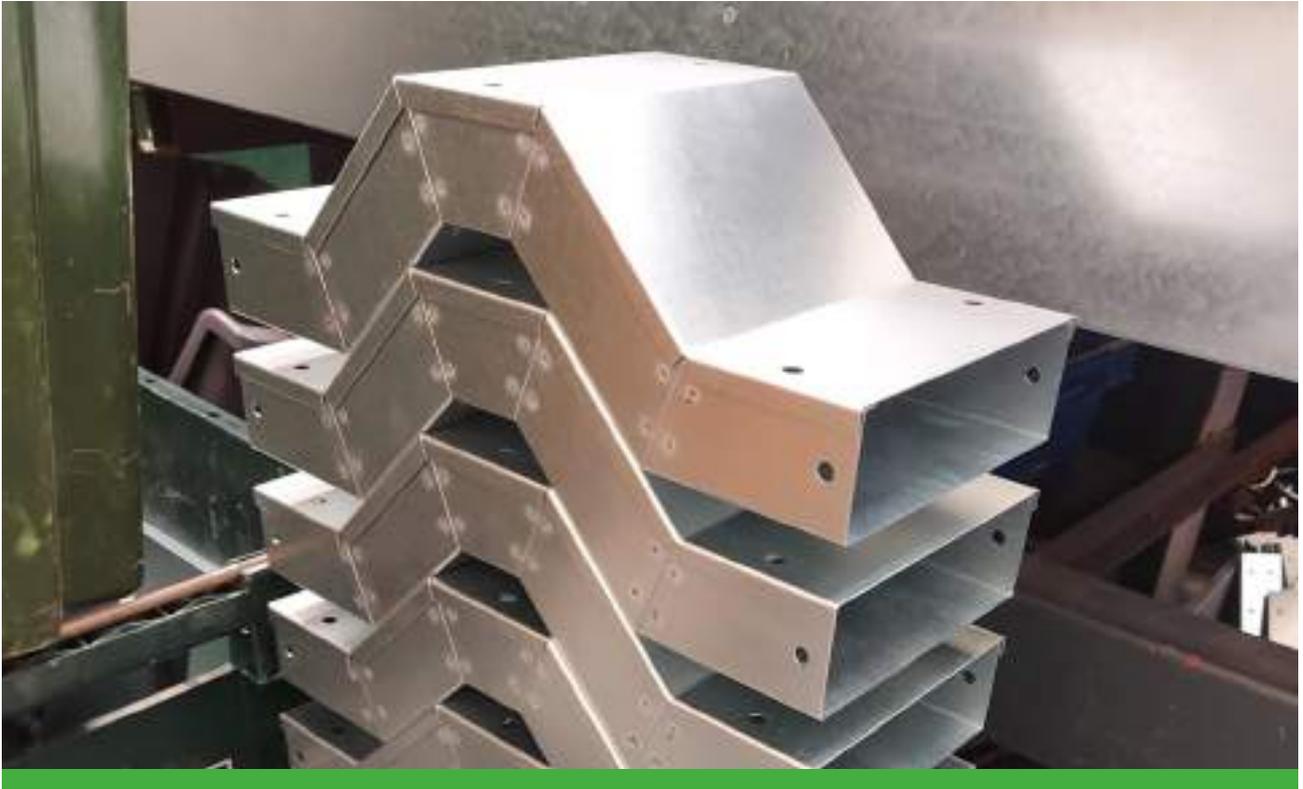
Atkore Unistrut & Marco offers a tailor-made solution, prepared according to your specific needs and requirements. By listening to the customers' needs, the business strives to provide high quality products and services that meet and exceed expectations.

Working in partnership with the customers, the aim is to achieve total customer satisfaction.

All of Atkore Unistrut & Marco Technical Sales Managers work closely with contractors and distributors to assist in design and offering on site measurement services and advice. This flexible approach to manufacturing differentiates us from the market.



Bespoke Products



Flytec Trunking

Surface Trunking

Single & Multi-Compartment
Steel Cable Trunking



SURFACE TRUNKING CONTENTS

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Surface Trunking Part Code Guide

Flytec Trunking Part Code Guide

TR Trunking sizes are available from 2x2 to 12x12.

| Cable Trunking - TR | | | Cable Trunking - TX | | | Cable Trunking - IP54 | | |
|---------------------|----------|----------|---------------------|------------|------------|-----------------------|---------------|---------------|
| Part Code | 2 Comp | 3 Comp | Part Code | 2 Comp | 3 Comp | Part Code | 2 Comp | 3 Comp |
| TR22 | TR222C | - | TR22TX | TR22TX2C | - | TR22-IP54 | TR222C-IP54 | - |
| TR32 | TR322C | - | TR32TX | TR32TX2C | - | TR32-IP54 | TR322C-IP54 | - |
| TR33 | TR332C | - | TR33TX | TR33TX2C | - | TR33-IP54 | TR332C-IP54 | - |
| TR42 | TR422C | - | TR42TX | TR42TX2C | - | TR42-IP54 | TR422C-IP54 | - |
| TR43 | TR432C | - | TR43TX | TR43TX2C | - | TR43-IP54 | TR432C-IP54 | - |
| TR44 | TR442C | - | TR44TX | TR44TX2C | - | TR44-IP54 | TR442C-IP54 | - |
| TR62 | TR622C | TR623C | TR62TX | TR62TX2C | TR62TX3C | TR62-IP54 | TR622C-IP54 | TR623C-IP54 |
| TR63 | TR632C | TR633C | TR63TX | TR63TX2C | TR63TX3C | TR63-IP54 | TR632C-IP54 | TR633C-IP54 |
| TR64 | TR642C | TR643C | TR64TX | TR64TX2C | TR64TX3C | TR64-IP54 | TR642C-IP54 | TR643C-IP54 |
| TR66 | TR662C | TR663C | TR66TX | TR66TX2C | TR66TX3C | TR66-IP54 | TR662C-IP54 | TR663C-IP54 |
| TR82 | TR822C | TR823C | TR82TX | TR82TX2C | TR82TX3C | TR82-IP54 | TR822C-IP54 | TR823C-IP54 |
| TR83 | TR832C | TR833C | TR83TX | TR83TX2C | TR83TX3C | TR83-IP54 | TR832C-IP54 | TR833C-IP54 |
| TR84 | TR842C | TR843C | TR84TX | TR84TX2C | TR84TX3C | TR84-IP54 | TR842C-IP54 | TR843C-IP54 |
| TR86 | TR862C | TR863C | TR86TX | TR86TX2C | TR86TX3C | TR86-IP54 | TR862C-IP54 | TR863C-IP54 |
| TR88 | TR882C | TR883C | TR88TX | TR88TX2C | TR88TX3C | TR88-IP54 | TR882C-IP54 | TR883C-IP54 |
| TR92 | TR922C | TR923C | TR92TX | TR92TX2C | TR92TX3C | TR92-IP54 | TR922C-IP54 | TR923C-IP54 |
| TR93 | TR932C | TR933C | TR93TX | TR93TX2C | TR93TX3C | TR93-IP54 | TR932C-IP54 | TR933C-IP54 |
| TR94 | TR942C | TR943C | TR94TX | TR94TX2C | TR94TX3C | TR94-IP54 | TR942C-IP54 | TR943C-IP54 |
| TR96 | TR962C | TR963C | TR96TX | TR96TX2C | TR96TX3C | TR96-IP54 | TR962C-IP54 | TR963C-IP54 |
| TR98 | TR982C | TR983C | TR98TX | TR98TX2C | TR98TX3C | TR98-IP54 | TR982C-IP54 | TR983C-IP54 |
| TR99 | TR992C | TR993C | TR99TX | TR99TX2C | TR99TX3C | TR99-IP54 | TR992C-IP54 | TR993C-IP54 |
| TR122 | TR1222C | TR1223C | TR122TX | TR122TX2C | TR122TX3C | TR122-IP54 | TR1222C-IP54 | TR1223C-IP54 |
| TR123 | TR1232C | TR1233C | TR123TX | TR123TX2C | TR123TX3C | TR123-IP54 | TR1232C-IP54 | TR1233C-IP54 |
| TR124 | TR1242C | TR1243C | TR124TX | TR124TX2C | TR124TX3C | TR124-IP54 | TR1242C-IP54 | TR1243C-IP54 |
| TR126 | TR1262C | TR1263C | TR126TX | TR126TX2C | TR126TX3C | TR126-IP54 | TR1262C-IP54 | TR1263C-IP54 |
| TR128 | TR1282C | TR1283C | TR128TX | TR128TX2C | TR128TX3C | TR128-IP54 | TR1282C-IP54 | TR1283C-IP54 |
| TR129 | TR1292C | TR1293C | TR129TX | TR129TX2C | TR129TX3C | TR129-IP54 | TR1292C-IP54 | TR1293C-IP54 |
| TR1212 | TR12122C | TR12123C | TR1212TX | TR1212TX2C | TR1212TX3C | TR1212-IP54 | TR12122C-IP54 | TR12123C-IP54 |

Surface Trunking Systems

Part Code Guides

The tables below show limited part codes as examples only. Please refer to the Trunking part code guide on page 128 for the full list of sizes.

| Powder Coated | | | | | |
|---------------|----------|----------|---------------|------------|------------|
| 2 Compartment | | | 3 Compartment | | |
| TR22/W | TR222C/W | TR623C/W | TR22TX/W | TR22TX2C/W | TR62TX3C/W |
| or | or | or | or | or | or |
| TR22/B | TR222C/B | TR633C/B | TR22TX/B | TR22TX2C/B | TR62TX3C/B |

Power Coating Spec: As Standard
W = White RAL9010 Semi-Gloss
B = Black RAL9005 Semi-Gloss

Flytec Trunking Accessory Part Code Guide

| Fast Fix IP4X (Sizes 2x2-6x6) | | |
|-------------------------------|-----------|-----------|
| | 2 Comp | 3 Comp |
| FGB22FF | FGB22FF2C | FGB62FF3C |
| FGB32FF | FGB32FF2C | FGB63FF3C |
| FGB33FF | FGB33FF2C | FGB64FF3C |
| ↓ | ↓ | ↓ |
| FGB66FF | FGB66FF2C | FGB66FF3C |

Please note: Fast Fix IP4X Trunking is available from sizes 50x50 to 150x150 only. For larger sizes, refer to our Standard Trunking range.

See page 131 for Fast Fix Accessories.

| Standard Trunking | | |
|-------------------|-----------|-----------|
| | 2 Comp | 3 Comp |
| FGB22 | FGB222C | FGB623C |
| FGB32 | FGB322C | FGB633C |
| FGB33 | FGB332C | FGB643C |
| ↓ | ↓ | ↓ |
| FGB1212 | FGB12122C | FGB12123C |

Please note: IP4X straps are sold separately for Standard Trunking.

See page 137 for Standard Accessories.

| IP54 | | |
|--------------|----------------|----------------|
| | 2 Comp | 3 Comp |
| FGB22-IP54 | FGB222C-IP54 | FGB623C-IP54 |
| FGB32-IP54 | FGB322C-IP54 | FGB633C-IP54 |
| FGB33-IP54 | FGB332C-IP54 | FGB643C-IP54 |
| ↓ | ↓ | ↓ |
| FGB1212-IP54 | FGB12122C-IP54 | FGB12123C-IP54 |

See page 128 for full list of sizes.

Surface Trunking Ranges

Steel Surface Trunking is available in the following variants:

Fast Fix IP4X (FF)

Fast Fix IP4X range is available from 2x2 to 6x6, including rectangular sizes, in various bends such as 45°, 90°, flat and tees. For larger sizes refer to the standard range.

Security Fixing (TX)

A pan head screw with TORX® Tamperproof screw fix lids.

Multi-Compartment (C)

Constructed to the same high quality as the single compartment range, the multi-compartment trunking partitions are manufactured from Galvanised steel spot welded into position.

IP54 (-IP54)

Gasketed trunking to prevent ingress of dust and liquids, available in single or multi compartment.

Stainless Steel (SS)

Stainless Steel trunking 316L & 304 grade is available in single or multi compartment. The Stainless Steel trunking systems are made to order.

Steel Cable Trunking

Steel Cable Trunking Systems

Flytec's innovative product range has been a great addition to the portfolio, allowing the business to expand the overall offering. The Steel Surface Trunking range includes, Fast Fix IP4X, Security Fixing, IP54 and Stainless Steel Trunking, available in single and multi-compartment.

Surface Trunking

All lengths are supplied with internal connectors secured by M5 bright zinc-plated screws fixed into Captive Nut inserts.

All Surface Trunking is made from Pre-Galvanised Steel to BS EN 10142 & 3 and is manufactured to BS EN 50085-1 and BS EN 50085-2-1.

Straight lids are secured by a two part all steel turnbuckle as standard. Slotted or tamperproof screw lids are also available on request.

Accessories are generally a one piece construction complete with internal fitting connector.

The entire range is also available in a powder coated finish on request.



Fast Fix Cable Trunking Accessories

45° Bends

Flat Lid 45° Bend - **FB**



For larger sizes, check out our Standard range on page 137

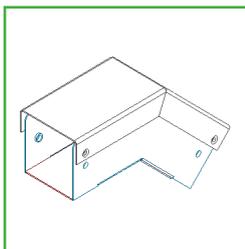
| Size | Product Code* |
|-----------|---------------|
| mm | Single |
| 50 x 50 | FB22FF |
| 75 x 50 | FB32FF |
| 75 x 75 | FB33FF |
| 100 x 50 | FB42FF |
| 100 x 75 | FB43FF |
| 100 x 100 | FB44FF |
| 150 x 50 | FB62FF |
| 150 x 75 | FB63FF |
| 150 x 100 | FB64FF |
| 150 x 150 | FB66FF |

Internal Lid 45° Bend - **IB**



| Size | Product Code* |
|-----------|---------------|
| mm | Single |
| 50 x 50 | IB22FF |
| 75 x 50 | IB32FF |
| 75 x 75 | IB33FF |
| 100 x 50 | IB42FF |
| 100 x 75 | IB43FF |
| 100 x 100 | IB44FF |
| 150 x 50 | IB62FF |
| 150 x 75 | IB63FF |
| 150 x 100 | IB64FF |
| 150 x 150 | IB66FF |

External Lid 45° Bend - **EB**



| Size | Product Code* |
|-----------|---------------|
| mm | Single |
| 50 x 50 | EB22FF |
| 75 x 50 | EB32FF |
| 75 x 75 | EB33FF |
| 100 x 50 | EB42FF |
| 100 x 75 | EB43FF |
| 100 x 100 | EB44FF |
| 150 x 50 | EB62FF |
| 150 x 75 | EB63FF |
| 150 x 100 | EB64FF |
| 150 x 150 | EB66FF |

Notes: For 2 Compartment and 3 Compartment trunking, add either '2C' or '3C' to the end of the part code.

Example: A 2 Compartment Fast Fix FB in size 75 x 75 would be **FB33FF2C**

3 Compartment is available starting from 150x50.

See part code guide on page 129 for more details.

Refer to part code guides on pages 128 - 129.

Fast Fix Cable Trunking Accessories

90° Bends

Flat Lid 90° Bend - **FSB**



| Size mm | Product Code* |
|------------|---------------|
| 50 x 50 | FSB22FF |
| 75 x 50 | FSB32FF |
| 75 x 75 | FSB33FF |
| 100 x 50 | FSB42FF |
| 100 x 75 | FSB43FF |
| 100 x 100 | FSB44FF |
| 150 x 50 | FSB62FF |
| 150 x 75 | FSB63FF |
| 150 x 100 | FSB64FF |
| 150 x 150 | FSB66FF |

Internal Lid 90° Bend - **ISB**



| Size mm | Product Code* |
|------------|---------------|
| 50 x 50 | ISB22FF |
| 75 x 50 | ISB32FF |
| 75 x 75 | ISB33FF |
| 100 x 50 | ISB42FF |
| 100 x 75 | ISB43FF |
| 100 x 100 | ISB44FF |
| 150 x 50 | ISB63FF |
| 150 x 75 | ISB62FF |
| 150 x 100 | ISB64FF |
| 150 x 150 | ISB66FF |

External Lid 90° Bend - **ESB**



| Size mm | Product Code* |
|------------|---------------|
| 50 x 50 | ESB22FF |
| 75 x 50 | ESB32FF |
| 75 x 75 | ESB33FF |
| 100 x 50 | ESB42FF |
| 100 x 75 | ESB43FF |
| 100 x 100 | ESB44FF |
| 150 x 50 | ESB62FF |
| 150 x 75 | ESB63FF |
| 150 x 100 | ESB64FF |
| 150 x 150 | ESB66FF |

Notes: For 2 Compartment and 3 Compartment trunking, add either '2C' or '3C' to the end of the part code.

3 Compartment is available starting from 150x50.

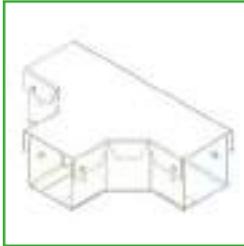
See part code guide on page 129 for more details.

Refer to accessory part code guide on page 129

Fast Fix Cable Trunking Accessories

Tees - Gusset

Flat Lid Tee Gusset - **FGT**



| Size | Product Code* |
|-----------|---------------|
| mm | Single |
| 50 x 50 | FGT22FF |
| 75 x 50 | FGT32FF |
| 75 x 75 | FGT33FF |
| 100 x 50 | FGT42FF |
| 100 x 75 | FGT43FF |
| 100 x 100 | FGT44FF |
| 150 x 50 | FGT62FF |
| 150 x 75 | FGT63FF |
| 150 x 100 | FGT64FF |
| 150 x 150 | FGT66FF |

Internal Lid Tee Gusset - **IGT**



| Size | Product Code* |
|-----------|---------------|
| mm | |
| 50 x 50 | IGT22FF |
| 75 x 50 | IGT32FF |
| 75 x 75 | IGT33FF |
| 100 x 50 | IGT42FF |
| 100 x 75 | IGT43FF |
| 100 x 100 | IGT44FF |
| 150 x 50 | IGT62FF |
| 150 x 75 | IGT63FF |
| 150 x 100 | IGT64FF |
| 150 x 150 | IGT66FF |

External Lid Tee Gusset - **EGT**



| Size | Product Code* |
|-----------|---------------|
| mm | |
| 50 x 50 | EGT22FF |
| 75 x 50 | EGT32FF |
| 75 x 75 | EGT33FF |
| 100 x 50 | EGT42FF |
| 100 x 75 | EGT43FF |
| 100 x 100 | EGT44FF |
| 150 x 50 | EGT62FF |
| 150 x 75 | EGT63FF |
| 150 x 100 | EGT64FF |
| 150 x 150 | EGT66FF |

Notes: For 2 Compartment and 3 Compartment trunking, add either '2C' or '3C' to the end of the part code.

3 Compartment is available starting from 150x50.

See part code guide on page 129 for more details.

Refer to accessory part code guide on page 129

Fast Fix Cable Trunking Accessories

Tees - Square

Flat Lid Tee Square - **FST**



| Size mm | Product Code* |
|------------|---------------|
| 50 x 50 | FST22FF |
| 75 x 50 | FST32FF |
| 75 x 75 | FST33FF |
| 100 x 50 | FST42FF |
| 100 x 75 | FST43FF |
| 100 x 100 | FST44FF |
| 150 x 50 | FST62FF |
| 150 x 75 | FST63FF |
| 150 x 100 | FST64FF |
| 150 x 150 | FST66FF |

Internal Lid Tee Square - **IST**



| Size mm | Product Code* |
|------------|---------------|
| 50 x 50 | IST22FF |
| 75 x 50 | IST32FF |
| 75 x 75 | IST33FF |
| 100 x 50 | IST42FF |
| 100 x 75 | IST43FF |
| 100 x 100 | IST44FF |
| 150 x 50 | IST62FF |
| 150 x 75 | IST63FF |
| 150 x 100 | IST64FF |
| 150 x 150 | IST66FF |

External Lid Tee Square - **EST**



| Size mm | Product Code* |
|------------|---------------|
| 50 x 50 | EST22FF |
| 75 x 50 | EST32FF |
| 75 x 75 | EST33FF |
| 100 x 50 | EST42FF |
| 100 x 75 | EST43FF |
| 100 x 100 | EST44FF |
| 150 x 50 | EST62FF |
| 150 x 75 | EST63FF |
| 150 x 100 | EST64FF |
| 150 x 150 | EST66FF |

Notes: For 2 Compartment and 3 Compartment trunking, add either '2C' or '3C' to the end of the part code.

3 Compartment is available starting from 150x50.

See part code guide on page 129 for more details.

Refer to accessory part code guide on page 129

Fast Fix Cable Trunking Accessories

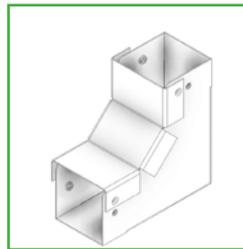
Gusset Bends

Flat Lid Gusset Bend - **FGB**



| Size | Product Code* |
|-----------|---------------|
| mm | Single |
| 50 x 50 | FGB22FF |
| 75 x 50 | FGB32FF |
| 75 x 75 | FGB33FF |
| 100 x 50 | FGB42FF |
| 100 x 75 | FGB43FF |
| 100 x 100 | FGB44FF |
| 150 x 50 | FGB62FF |
| 150 x 75 | FGB63FF |
| 150 x 100 | FGB64FF |
| 150 x 150 | FGB66FF |

Internal Lid Gusset Bend - **IGB**



| Size | Product Code* |
|-----------|---------------|
| mm | |
| 50 x 50 | IGB22FF |
| 75 x 50 | IGB32FF |
| 75 x 75 | IGB33FF |
| 100 x 50 | IGB42FF |
| 100 x 75 | IGB43FF |
| 100 x 100 | IGB44FF |
| 150 x 50 | IGB62FF |
| 150 x 75 | IGB63FF |
| 150 x 100 | IGB64FF |
| 150 x 150 | IGB66FF |

External Lid Gusset Bend - **EGB**



| Size | Product Code* |
|-----------|---------------|
| mm | |
| 50 x 50 | EGB22FF |
| 75 x 50 | EGB32FF |
| 75 x 75 | EGB33FF |
| 100 x 50 | EGB42FF |
| 100 x 75 | EGB43FF |
| 100 x 100 | EGB44FF |
| 150 x 50 | EGB62FF |
| 150 x 75 | EGB63FF |
| 150 x 100 | EGB64FF |
| 150 x 150 | EGB66FF |

Notes: For 2 Compartment and 3 Compartment trunking, add either '2C' or '3C' to the end of the part code.

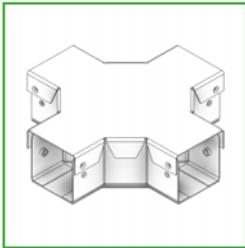
3 Compartment is available starting from 150x50.

See part code guide on page 129 for more details.

Fast Fix Cable Trunking Accessories

Crossovers

Crossover - **CO**



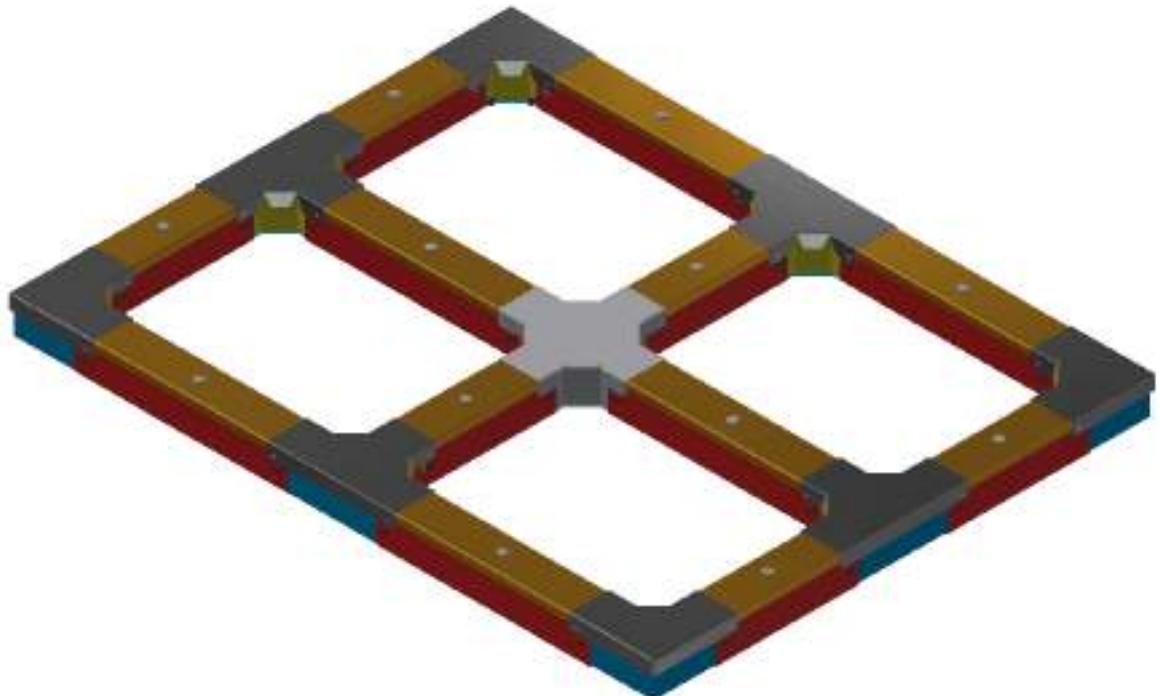
| Size mm | Product Code* |
|------------|---------------|
| 50 x 50 | CO22FF |
| 75 x 50 | CO32FF |
| 75 x 75 | CO33FF |
| 100 x 50 | CO42FF |
| 100 x 75 | CO43FF |
| 100 x 100 | CO44FF |
| 150 x 50 | CO62FF |
| 150 x 75 | CO63FF |
| 150 x 100 | CO64FF |
| 150 x 150 | CO66FF |

Crossover Square - **COSQ**



| Size mm | Product Code* |
|------------|---------------|
| 50 x 50 | COSQ22FF |
| 75 x 50 | COSQ32FF |
| 75 x 75 | COSQ33FF |
| 100 x 50 | COSQ42FF |
| 100 x 75 | COSQ43FF |
| 100 x 100 | COSQ44FF |
| 150 x 50 | COSQ62FF |
| 150 x 75 | COSQ63FF |
| 150 x 100 | COSQ64FF |
| 150 x 150 | COSQ66FF |

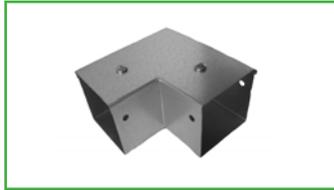
Fast Fix - Typical Assembly



Standard Cable Trunking Accessories

Bends

Flat Lid 90° Bend - **FSB**



| Size mm | Code | Size mm | Code |
|------------|-------|------------|---------|
| 50 x 50 | FSB22 | 200 x 150 | FSB86 |
| 75 x 50 | FSB32 | 200 x 200 | FSB88 |
| 75 x 75 | FSB33 | 225 x 50 | FSB92 |
| 100 x 50 | FSB42 | 225 x 75 | FSB93 |
| 100 x 75 | FSB43 | 225 x 100 | FSB94 |
| 100 x 100 | FSB44 | 225 x 150 | FSB96 |
| 150 x 50 | FSB62 | 225 x 225 | FSB99 |
| 150 x 75 | FSB63 | 300 x 50 | FSB122 |
| 150 x 100 | FSB64 | 300 x 75 | FSB123 |
| 150 x 150 | FSB66 | 300 x 100 | FSB124 |
| 200 x 50 | FSB82 | 300 x 150 | FSB126 |
| 200 x 75 | FSB83 | 300 x 225 | FSB129 |
| 200 x 100 | FSB84 | 300 x 300 | FSB1212 |

External Lid 90° Bend - **ISB**



| Size mm | Code | Size mm | Code |
|------------|-------|------------|---------|
| 50 x 50 | ISB22 | 200 x 150 | ISB86 |
| 75 x 50 | ISB32 | 200 x 200 | ISB88 |
| 75 x 75 | ISB33 | 225 x 50 | ISB92 |
| 100 x 50 | ISB42 | 225 x 75 | ISB93 |
| 100 x 75 | ISB43 | 225 x 100 | ISB94 |
| 100 x 100 | ISB44 | 225 x 150 | ISB96 |
| 150 x 50 | ISB62 | 225 x 225 | ISB99 |
| 150 x 75 | ISB63 | 300 x 50 | ISB122 |
| 150 x 100 | ISB64 | 300 x 75 | ISB123 |
| 150 x 150 | ISB66 | 300 x 100 | ISB124 |
| 200 x 50 | ISB82 | 300 x 150 | ISB126 |
| 200 x 75 | ISB83 | 300 x 225 | ISB129 |
| 200 x 100 | ISB84 | 300 x 300 | ISB1212 |

Internal Lid 90° Bend - **ESB**



| Size mm | Code | Size mm | Code |
|------------|-------|------------|---------|
| 50 x 50 | ESB22 | 200 x 150 | ESB86 |
| 75 x 50 | ESB32 | 200 x 200 | ESB88 |
| 75 x 75 | ESB33 | 225 x 50 | ESB92 |
| 100 x 50 | ESB42 | 225 x 75 | ESB93 |
| 100 x 75 | ESB43 | 225 x 100 | ESB94 |
| 100 x 100 | ESB44 | 225 x 150 | ESB96 |
| 150 x 50 | ESB62 | 225 x 225 | ESB99 |
| 150 x 75 | ESB63 | 300 x 50 | ESB122 |
| 150 x 100 | ESB64 | 300 x 75 | ESB123 |
| 150 x 150 | ESB66 | 300 x 100 | ESB124 |
| 200 x 50 | ESB82 | 300 x 150 | ESB126 |
| 200 x 75 | ESB83 | 300 x 225 | ESB129 |
| 200 x 100 | ESB84 | 300 x 300 | ESB1212 |

Flat Lid 45° Bend - **FB**



| Size mm | Code | Size mm | Code |
|------------|------|------------|--------|
| 50 x 50 | FB22 | 200 x 150 | FB86 |
| 75 x 50 | FB32 | 200 x 200 | FB88 |
| 75 x 75 | FB33 | 225 x 50 | FB92 |
| 100 x 50 | FB42 | 225 x 75 | FB93 |
| 100 x 75 | FB43 | 225 x 100 | FB94 |
| 100 x 100 | FB44 | 225 x 150 | FB96 |
| 150 x 50 | FB62 | 225 x 225 | FB99 |
| 150 x 75 | FB63 | 300 x 50 | FB122 |
| 150 x 100 | FB64 | 300 x 75 | FB123 |
| 150 x 150 | FB66 | 300 x 100 | FB124 |
| 200 x 50 | FB82 | 300 x 150 | FB126 |
| 200 x 75 | FB83 | 300 x 225 | FB129 |
| 200 x 100 | FB84 | 300 x 300 | FB1212 |

Internal Lid 45° Bend - **IB**



| Size mm | Code | Size mm | Code |
|------------|------|------------|--------|
| 50 x 50 | IB22 | 200 x 150 | IB86 |
| 75 x 50 | IB32 | 200 x 200 | IB88 |
| 75 x 75 | IB33 | 225 x 50 | IB92 |
| 100 x 50 | IB42 | 225 x 75 | IB93 |
| 100 x 75 | IB43 | 225 x 100 | IB94 |
| 100 x 100 | IB44 | 225 x 150 | IB96 |
| 150 x 50 | IB62 | 225 x 225 | IB99 |
| 150 x 75 | IB63 | 300 x 50 | IB122 |
| 150 x 100 | IB64 | 300 x 75 | IB123 |
| 150 x 150 | IB66 | 300 x 100 | IB124 |
| 200 x 50 | IB82 | 300 x 150 | IB126 |
| 200 x 75 | IB83 | 300 x 225 | IB129 |
| 200 x 100 | IB84 | 300 x 300 | IB1212 |

External 45° Bend - **EB**



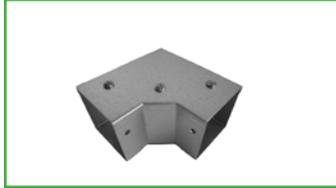
| Size mm | Code | Size mm | Code |
|------------|------|------------|--------|
| 50 x 50 | EB22 | 200 x 150 | EB86 |
| 75 x 50 | EB32 | 200 x 200 | EB88 |
| 75 x 75 | EB33 | 225 x 50 | EB92 |
| 100 x 50 | EB42 | 225 x 75 | EB93 |
| 100 x 75 | EB43 | 225 x 100 | EB94 |
| 100 x 100 | EB44 | 225 x 150 | EB96 |
| 150 x 50 | EB62 | 225 x 225 | EB99 |
| 150 x 75 | EB63 | 300 x 50 | EB122 |
| 150 x 100 | EB64 | 300 x 75 | EB123 |
| 150 x 150 | EB66 | 300 x 100 | EB124 |
| 200 x 50 | EB82 | 300 x 150 | EB126 |
| 200 x 75 | EB83 | 300 x 225 | EB129 |
| 200 x 100 | EB84 | 300 x 300 | EB1212 |

All trunking accessories are available as TX Security Fixing Trunking. See part code guide on page 128.

Standard Cable Trunking Accessories

Bends

Flat Lid Gusset Bend - **FGB**



| Size mm | Code | Size mm | Code |
|------------|-------|------------|---------|
| 50 x 50 | FGB22 | 200 x 150 | FGB86 |
| 75 x 50 | FGB32 | 200 x 200 | FGB88 |
| 75 x 75 | FGB33 | 225 x 50 | FGB92 |
| 100 x 50 | FGB42 | 225 x 75 | FGB93 |
| 100 x 75 | FGB43 | 225 x 100 | FGB94 |
| 100 x 100 | FGB44 | 225 x 150 | FGB96 |
| 150 x 50 | FGB62 | 225 x 225 | FGB99 |
| 150 x 75 | FGB63 | 300 x 50 | FGB122 |
| 150 x 100 | FGB64 | 300 x 75 | FGB123 |
| 150 x 150 | FGB66 | 300 x 100 | FGB124 |
| 200 x 50 | FGB82 | 300 x 150 | FGB126 |
| 200 x 75 | FGB83 | 300 x 225 | FGB129 |
| 200 x 100 | FGB84 | 300 x 300 | FGB1212 |

Internal Lid Gusset Bend - **IGB**



| Size mm | Code | Size mm | Code |
|------------|-------|------------|---------|
| 50 x 50 | IGB22 | 200 x 150 | IGB86 |
| 75 x 50 | IGB32 | 200 x 200 | IGB88 |
| 75 x 75 | IGB33 | 225 x 50 | IGB92 |
| 100 x 50 | IGB42 | 225 x 75 | IGB93 |
| 100 x 75 | IGB43 | 225 x 100 | IGB94 |
| 100 x 100 | IGB44 | 225 x 150 | IGB96 |
| 150 x 50 | IGB62 | 225 x 225 | IGB99 |
| 150 x 75 | IGB63 | 300 x 50 | IGB122 |
| 150 x 100 | IGB64 | 300 x 75 | IGB123 |
| 150 x 150 | IGB66 | 300 x 100 | IGB124 |
| 200 x 50 | IGB82 | 300 x 150 | IGB126 |
| 200 x 75 | IGB83 | 300 x 225 | IGB129 |
| 200 x 100 | IGB84 | 300 x 300 | IGB1212 |

External Lid Gusset Bend - **EGB**



| Size mm | Code | Size mm | Code |
|------------|-------|------------|---------|
| 50 x 50 | EGB22 | 200 x 150 | EGB86 |
| 75 x 50 | EGB32 | 200 x 200 | EGB88 |
| 75 x 75 | EGB33 | 225 x 50 | EGB92 |
| 100 x 50 | EGB42 | 225 x 75 | EGB93 |
| 100 x 75 | EGB43 | 225 x 100 | EGB94 |
| 100 x 100 | EGB44 | 225 x 150 | EGB96 |
| 150 x 50 | EGB62 | 225 x 225 | EGB99 |
| 150 x 75 | EGB63 | 300 x 50 | EGB122 |
| 150 x 100 | EGB64 | 300 x 75 | EGB123 |
| 150 x 150 | EGB66 | 300 x 100 | EGB124 |
| 200 x 50 | EGB82 | 300 x 150 | EGB126 |
| 200 x 75 | EGB83 | 300 x 225 | EGB129 |
| 200 x 100 | EGB84 | 300 x 300 | EGB1212 |

Crossover - **CO**



| Size mm | Code | Size mm | Code |
|------------|------|------------|--------|
| 50 x 50 | CO22 | 200 x 150 | CO86 |
| 75 x 50 | CO32 | 200 x 200 | CO88 |
| 75 x 75 | CO33 | 225 x 50 | CO92 |
| 100 x 50 | CO42 | 225 x 75 | CO93 |
| 100 x 75 | CO43 | 225 x 100 | CO94 |
| 100 x 100 | CO44 | 225 x 150 | CO96 |
| 150 x 50 | CO62 | 225 x 225 | CO99 |
| 150 x 75 | CO63 | 300 x 50 | CO122 |
| 150 x 100 | CO64 | 300 x 75 | CO123 |
| 150 x 150 | CO66 | 300 x 100 | CO124 |
| 200 x 50 | CO82 | 300 x 150 | CO126 |
| 200 x 75 | CO83 | 300 x 225 | CO129 |
| 200 x 100 | CO84 | 300 x 300 | CO1212 |

Crossover Square - **COSQ**



| Size mm | Code | Size mm | Code |
|------------|--------|------------|----------|
| 50 x 50 | COSQ22 | 200 x 150 | COSQ86 |
| 75 x 50 | COSQ32 | 200 x 200 | COSQ88 |
| 75 x 75 | COSQ33 | 225 x 50 | COSQ92 |
| 100 x 50 | COSQ42 | 225 x 75 | COSQ93 |
| 100 x 75 | COSQ43 | 225 x 100 | COSQ94 |
| 100 x 100 | COSQ44 | 225 x 150 | COSQ96 |
| 150 x 50 | COSQ62 | 225 x 225 | COSQ99 |
| 150 x 75 | COSQ63 | 300 x 50 | COSQ122 |
| 150 x 100 | COSQ64 | 300 x 75 | COSQ123 |
| 150 x 150 | COSQ66 | 300 x 100 | COSQ124 |
| 200 x 50 | COSQ82 | 300 x 150 | COSQ126 |
| 200 x 75 | COSQ83 | 300 x 225 | COSQ129 |
| 200 x 100 | COSQ84 | 300 x 300 | COSQ1212 |

Note: For 2 Compartment and 3 Compartment trunking, add either '2C' or '3C' to the end of the part code.

3 Compartment is available starting from 150x50.

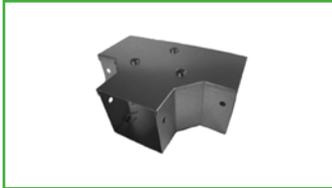
See part code guide on page 128 for more details.

All trunking accessories are available as TX Security Fixing Trunking. See part code guide on page 128.

Single Compartment Cable Trunking Accessories

Tees

Flat Lid Tee Gusset - **FGT**



| Size mm | Code | Size mm | Code |
|------------|-------|------------|---------|
| 50 x 50 | FGT22 | 200 x 150 | FGT86 |
| 75 x 50 | FGT32 | 200 x 200 | FGT88 |
| 75 x 75 | FGT33 | 225 x 50 | FGT92 |
| 100 x 50 | FGT42 | 225 x 75 | FGT93 |
| 100 x 75 | FGT43 | 225 x 100 | FGT94 |
| 100 x 100 | FGT44 | 225 x 150 | FGT96 |
| 150 x 50 | FGT62 | 225 x 225 | FGT99 |
| 150 x 75 | FGT63 | 300 x 50 | FGT122 |
| 150 x 100 | FGT64 | 300 x 75 | FGT123 |
| 150 x 150 | FGT66 | 300 x 100 | FGT124 |
| 200 x 50 | FGT82 | 300 x 150 | FGT126 |
| 200 x 75 | FGT83 | 300 x 225 | FGT129 |
| 200 x 100 | FGT84 | 300 x 300 | FGT1212 |

Internal Lid Tee Gusset - **IGT**



| Size mm | Code | Size mm | Code |
|------------|-------|------------|---------|
| 50 x 50 | IGT22 | 200 x 150 | IGT86 |
| 75 x 50 | IGT32 | 200 x 200 | IGT88 |
| 75 x 75 | IGT33 | 225 x 50 | IGT92 |
| 100 x 50 | IGT42 | 225 x 75 | IGT93 |
| 100 x 75 | IGT43 | 225 x 100 | IGT94 |
| 100 x 100 | IGT44 | 225 x 150 | IGT96 |
| 150 x 50 | IGT62 | 225 x 225 | IGT99 |
| 150 x 75 | IGT63 | 300 x 50 | IGT122 |
| 150 x 100 | IGT64 | 300 x 75 | IGT123 |
| 150 x 150 | IGT66 | 300 x 100 | IGT124 |
| 200 x 50 | IGT82 | 300 x 150 | IGT126 |
| 200 x 75 | IGT83 | 300 x 225 | IGT129 |
| 200 x 100 | IGT84 | 300 x 300 | IGT1212 |

External Lid Tee Gusset - **EGT**



| Size mm | Code | Size mm | Code |
|------------|-------|------------|---------|
| 50 x 50 | EGT22 | 200 x 150 | EGT86 |
| 75 x 50 | EGT32 | 200 x 200 | EGT88 |
| 75 x 75 | EGT33 | 225 x 50 | EGT92 |
| 100 x 50 | EGT42 | 225 x 75 | EGT93 |
| 100 x 75 | EGT43 | 225 x 100 | EGT94 |
| 100 x 100 | EGT44 | 225 x 150 | EGT96 |
| 150 x 50 | EGT62 | 225 x 225 | EGT99 |
| 150 x 75 | EGT63 | 300 x 50 | EGT122 |
| 150 x 100 | EGT64 | 300 x 75 | EGT123 |
| 150 x 150 | EGT66 | 300 x 100 | EGT124 |
| 200 x 50 | EGT82 | 300 x 150 | EGT126 |
| 200 x 75 | EGT83 | 300 x 225 | EGT129 |
| 200 x 100 | EGT84 | 300 x 300 | EGT1212 |

Flat Lid Tee Square - **FST**



| Size mm | Code | Size mm | Code |
|------------|-------|------------|---------|
| 50 x 50 | FST22 | 200 x 150 | FST86 |
| 75 x 50 | FST32 | 200 x 200 | FST88 |
| 75 x 75 | FST33 | 225 x 50 | FST92 |
| 100 x 50 | FST42 | 225 x 75 | FST93 |
| 100 x 75 | FST43 | 225 x 100 | FST94 |
| 100 x 100 | FST44 | 225 x 150 | FST96 |
| 150 x 50 | FST62 | 225 x 225 | FST99 |
| 150 x 75 | FST63 | 300 x 50 | FST122 |
| 150 x 100 | FST64 | 300 x 75 | FST123 |
| 150 x 150 | FST66 | 300 x 100 | FST124 |
| 200 x 50 | FST82 | 300 x 150 | FST126 |
| 200 x 75 | FST83 | 300 x 225 | FST129 |
| 200 x 100 | FST84 | 300 x 300 | FST1212 |

Internal Lid Tee Square - **IST**



| Size mm | Code | Size mm | Code |
|------------|-------|------------|---------|
| 50 x 50 | IST22 | 200 x 150 | IST86 |
| 75 x 50 | IST32 | 200 x 200 | IST88 |
| 75 x 75 | IST33 | 225 x 50 | IST92 |
| 100 x 50 | IST42 | 225 x 75 | IST93 |
| 100 x 75 | IST43 | 225 x 100 | IST94 |
| 100 x 100 | IST44 | 225 x 150 | IST96 |
| 150 x 50 | IST62 | 225 x 225 | IST99 |
| 150 x 75 | IST63 | 300 x 50 | IST122 |
| 150 x 100 | IST64 | 300 x 75 | IST123 |
| 150 x 150 | IST66 | 300 x 100 | IST124 |
| 200 x 50 | IST82 | 300 x 150 | IST126 |
| 200 x 75 | IST83 | 300 x 225 | IST129 |
| 200 x 100 | IST84 | 300 x 300 | IST1212 |

External Lid Tee Square - **EST**



| Size mm | Code | Size mm | Code |
|------------|-------|------------|---------|
| 50 x 50 | EST22 | 200 x 150 | EST86 |
| 75 x 50 | EST32 | 200 x 200 | EST88 |
| 75 x 75 | EST33 | 225 x 50 | EST92 |
| 100 x 50 | EST42 | 225 x 75 | EST93 |
| 100 x 75 | EST43 | 225 x 100 | EST94 |
| 100 x 100 | EST44 | 225 x 150 | EST96 |
| 150 x 50 | EST62 | 225 x 225 | EST99 |
| 150 x 75 | EST63 | 300 x 50 | EST122 |
| 150 x 100 | EST64 | 300 x 75 | EST123 |
| 150 x 150 | EST66 | 300 x 100 | EST124 |
| 200 x 50 | EST82 | 300 x 150 | EST126 |
| 200 x 75 | EST83 | 300 x 225 | EST129 |
| 200 x 100 | EST84 | 300 x 300 | EST1212 |

Standard Cable Trunking Accessories

Offset Bends & Reducers

Horizontal Offset Bend Left - **H/OS/LH**



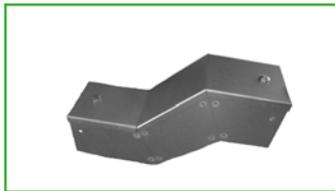
| Size mm | Code | Size mm | Code |
|------------|-----------|------------|-------------|
| 50 x 50 | H/OS/LH22 | 200 x 150 | H/OS/LH86 |
| 75 x 50 | H/OS/LH32 | 200 x 200 | H/OS/LH88 |
| 75 x 75 | H/OS/LH33 | 225 x 50 | H/OS/LH92 |
| 100 x 50 | H/OS/LH42 | 225 x 75 | H/OS/LH93 |
| 100 x 75 | H/OS/LH43 | 225 x 100 | H/OS/LH94 |
| 100 x 100 | H/OS/LH44 | 225 x 150 | H/OS/LH96 |
| 150 x 50 | H/OS/LH62 | 225 x 225 | H/OS/LH99 |
| 150 x 75 | H/OS/LH63 | 300 x 50 | H/OS/LH122 |
| 150 x 100 | H/OS/LH64 | 300 x 75 | H/OS/LH123 |
| 150 x 150 | H/OS/LH66 | 300 x 100 | H/OS/LH124 |
| 200 x 50 | H/OS/LH82 | 300 x 150 | H/OS/LH126 |
| 200 x 75 | H/OS/LH83 | 300 x 225 | H/OS/LH129 |
| 200 x 100 | H/OS/LH84 | 300 x 300 | H/OS/LH1212 |

Horizontal Offset Bend Right - **H/OS/RH**



| Size mm | Code | Size mm | Code |
|------------|-----------|------------|-------------|
| 50 x 50 | H/OS/RH22 | 200 x 150 | H/OS/RH86 |
| 75 x 50 | H/OS/RH32 | 200 x 200 | H/OS/RH88 |
| 75 x 75 | H/OS/RH33 | 225 x 50 | H/OS/RH92 |
| 100 x 50 | H/OS/RH42 | 225 x 75 | H/OS/RH93 |
| 100 x 75 | H/OS/RH43 | 225 x 100 | H/OS/RH94 |
| 100 x 100 | H/OS/RH44 | 225 x 150 | H/OS/RH96 |
| 150 x 50 | H/OS/RH62 | 225 x 225 | H/OS/RH99 |
| 150 x 75 | H/OS/RH63 | 300 x 50 | H/OS/RH122 |
| 150 x 100 | H/OS/RH64 | 300 x 75 | H/OS/RH123 |
| 150 x 150 | H/OS/RH66 | 300 x 100 | H/OS/RH124 |
| 200 x 50 | H/OS/RH82 | 300 x 150 | H/OS/RH126 |
| 200 x 75 | H/OS/RH83 | 300 x 225 | H/OS/RH129 |
| 200 x 100 | H/OS/RH84 | 300 x 300 | H/OS/RH1212 |

Verticle Offset - **V/OS**



| Size mm | Code | Size mm | Code |
|------------|--------|------------|----------|
| 50 x 50 | V/OS22 | 200 x 150 | V/OS86 |
| 75 x 50 | V/OS32 | 200 x 200 | V/OS88 |
| 75 x 75 | V/OS33 | 225 x 50 | V/OS92 |
| 100 x 50 | V/OS42 | 225 x 75 | V/OS93 |
| 100 x 75 | V/OS43 | 225 x 100 | V/OS94 |
| 100 x 100 | V/OS44 | 225 x 150 | V/OS96 |
| 150 x 50 | V/OS62 | 225 x 225 | V/OS99 |
| 150 x 75 | V/OS63 | 300 x 50 | V/OS122 |
| 150 x 100 | V/OS64 | 300 x 75 | V/OS123 |
| 150 x 150 | V/OS66 | 300 x 100 | V/OS124 |
| 200 x 50 | V/OS82 | 300 x 150 | V/OS126 |
| 200 x 75 | V/OS83 | 300 x 225 | V/OS129 |
| 200 x 100 | V/OS84 | 300 x 300 | V/OS1212 |

Reducer- **RED**



Reducer Ordering Guide:



Part Code Example:
RED**Size-A** **Size-B**
IE RED**4422**

Note: Speak to our Technical Team if you require bespoke Offset sizes. For 2 Compartment and 3 Compartment trunking, add either '2C' or '3C' to the end of the part code. 3 Compartment is available starting from 150x50. See part code guide on page 128 for more details.

Universal Accessories

Universal Accessories Guide

Stop End - **EC**



Flange - **FE**



Hanger - **HC**



| Stop End | |
|-----------|------------------|
| Part Code | Description |
| EC22 | 50X50 Stop End |
| EC32 | 75X50 Stop End |
| EC33 | 75X75 Stop End |
| EC42 | 100X50 Stop End |
| EC43 | 100X75 Stop End |
| EC44 | 100X100 Stop End |
| EC62 | 150X50 Stop End |
| EC63 | 150X75 Stop End |
| EC64 | 150X100 Stop End |
| EC66 | 150X150 Stop End |
| EC82 | 200X50 Stop End |
| EC83 | 200X75 Stop End |
| EC84 | 200X100 Stop End |
| EC86 | 200X150 Stop End |
| EC88 | 200x200 Stop End |
| EC92 | 225x50 Stop End |
| EC93 | 225x75 Stop End |
| EC94 | 225x100 Stop End |
| EC96 | 225x150 Stop End |
| EC98 | 225x200 Stop End |
| EC99 | 225x225 Stop End |
| EC122 | 300x50 Stop End |
| EC123 | 300x75 Stop End |
| EC124 | 300x100 Stop End |
| EC126 | 300x150 Stop End |
| EC128 | 300x200 Stop End |
| EC129 | 300x225 Stop End |
| EC1212 | 300x300 Stop End |

| Stop End | |
|-----------|--------------------|
| Part Code | Description |
| FE22 | 50X50 Flange End |
| FE32 | 75X50 Flange End |
| FE33 | 75X75 Flange End |
| FE42 | 100X50 Flange End |
| FE43 | 100X75 Flange End |
| FE44 | 100X100 Flange End |
| FE62 | 150X50 Flange End |
| FE63 | 150X75 Flange End |
| FE64 | 150X100 Flange End |
| FE66 | 150X150 Flange End |
| FE82 | 200X50 Flange End |
| FE83 | 200X75 Flange End |
| FE84 | 200X100 Flange End |
| FE86 | 200X150 Flange End |
| FE88 | 200X200 Flange End |
| FE92 | 225X50 Flange End |
| FE93 | 225X75 Flange End |
| FE94 | 225X100 Flange End |
| FE96 | 225X150 Flange End |
| FE98 | 225X200 Flange End |
| FE99 | 225X225 Flange End |
| FE122 | 300X50 Flange End |
| FE123 | 300X75 Flange End |
| FE124 | 300X100 Flange End |
| FE126 | 300X150 Flange End |
| FE128 | 300X200 Flange End |
| FE129 | 300X225 Flange End |
| FE1212 | 300X300 Flange End |

| Hanger | |
|-----------|-------------------------|
| Part Code | Description |
| HC22 | 50X50 Trunking Hanger |
| HC32 | 75X50 Trunking Hanger |
| HC33 | 75X75 Trunking Hange |
| HC42 | 100X 50 Trunking Hanger |
| HC43 | 100X75 Trunking Hanger |
| HC44 | 100X100 Trunking Hanger |
| HC62 | 150X 50 Trunking Hanger |
| HC63 | 150X75 Trunking Hanger |
| HC64 | 150X100 Trunking Hanger |
| HC66 | 150X150 Trunking Hanger |

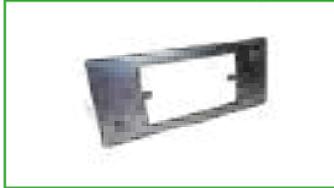
To order Universal Accessories please state the part type abbreviation followed by the size.

Stop End (EC) and Flange (FE) are also available as part of the Security Fixing (TX) range.

Universal Accessories

Universal Accessories

Twin Socket Lid - **TSO**



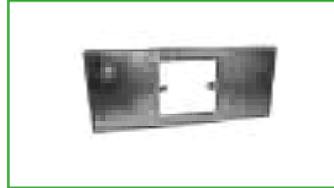
Twin Socket Lids
3 Compartment

- TSO/4/3C
- TSO/6/3C
- TSO/8/3C
- TSO/9/3C
- TSO/12/3C

2 Compartment

- TSO/4/2C
- TSO/6/2C
- TSO/8/2C
- TSO/9/2C
- TSO/12/2C

Single Socket Lid - **SSO**



Single Socket Lids
3 Compartment

- SSO/4/3C
- SSO/6/3C
- SSO/8/3C
- SSO/9/3C
- SSO/12/3C

2 Compartment

- SSO/4/2C
- SSO/6/2C
- SSO/8/2C
- SSO/9/2C
- SSO/12/2C

3C can also be used for single compartment trunking

Bell Mouth - **BM**



Available from sizes 50x50 to 300x300

Earth Links - **ES99**



Lid Fixing - **TB1**



Lid Fixing - **TB3**



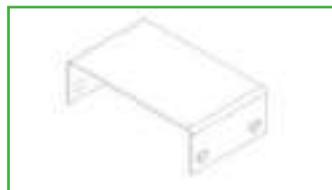
For 3 inch assemblies only

Cable Retainer - **CS**



Available in trunking width sizes

IP4X Lid Cover Strap - **LC**



Available in trunking width sizes

Pin Rack - **VT**



Available from 50x50 to 300x300

Multi-Compartment & Gasketed Trunking

Multi-Compartment Trunking & Fly-Overs

- Partitions manufactured from galvanised steel spot welded into position
- Partitions can also be supplied for loose on-site fixing
- Trunking with unequal spaced compartments can be supplied - Please state sizes required at time of ordering
- All accessories shown on the single compartment page can be manufactured to suit multi-compartment
- All compartments are equally spaced unless requested
- Compartments are equally spaced as standard
- Speak to our technical team for unequal compartments



Fly-Overs

- Fly-Overs are supplied with all tees and crossovers
- Approximately 50% of cable capacity is lost when fitting a Fly-Over



Gasketed Trunking for External Use (IP54)

All the sizes shown in single and multi-compartment sections can be manufactured to prevent ingress of dust and liquids (IP54).

This innovative system is designed with an outward returned flange on the body with an overlapping lid, which is fitted with EDPM both sides along its entire length. When installed, the gasket is compressed between body and lid by mushroom screws which fix into captive bushes on the outward flanges.

Trunking manufactured to this design will provide IP54 protection and is supplied in 2 metres lengths maximum.

Atkore Unistrut also offer a complete range of fully gasketed accessories.



Perimeter Systems

Skirting, Dado & Bench Trunking



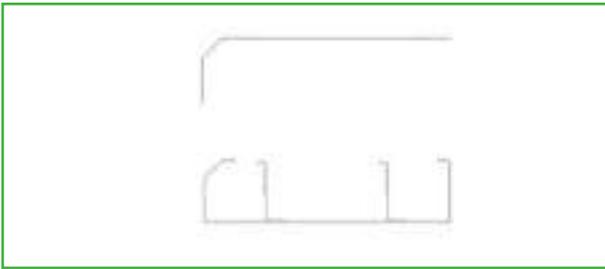
PERIMETER SYSTEMS CONTENTS

| Contents | Page Number |
|-----------------------------|-------------|
| Perimeter Systems Range | 146 |
| How to order guide | 147 |
| Skirting Trunking | 148 |
| Skirting & Dado Accessories | 150 |
| Dado Trunking | 151 |
| Bench Trunking | 154 |

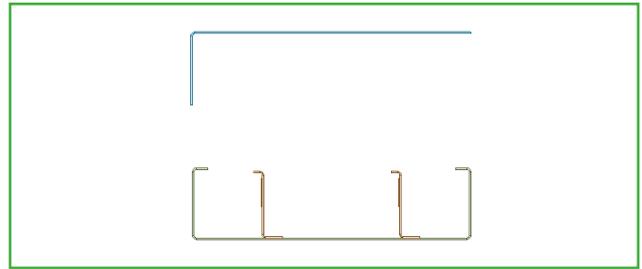
Perimeter Systems

Typical Profiles - Skirting & Dado

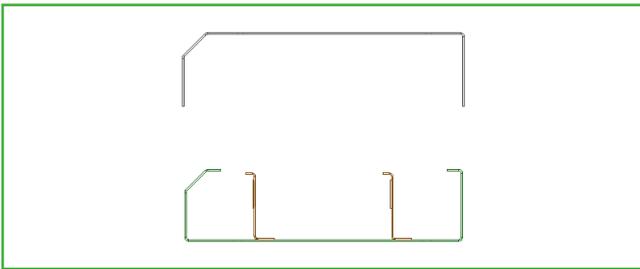
Top Chamfer Skirting - **TC**



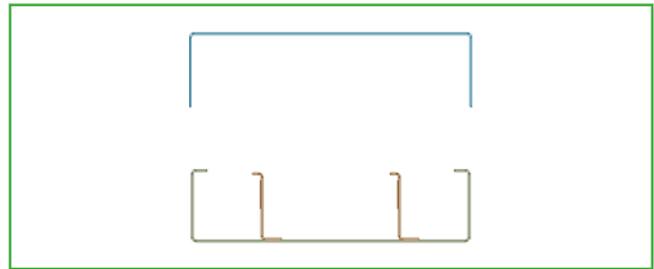
Top Flat Skirting - **TF**



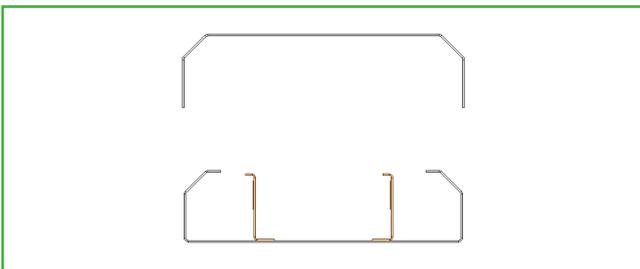
Chamfered Dado - **CD**



Square Dado - **SD**



Double Chamfer Dado - **DCD**



Perimeter Systems

How to order Skirting & Dado Trunking

How to order Perimeter Trunking guide:

- To order Skirting/Dado Trunking, select the trunking family (see page 146), the size (see table below), and the compartment 2C or 3C

For example:

- Square Dado Trunking in size 6x2 in 2 Compartments
- Take trunking reference **SD** + size **62** + 2 compartment **2C** to give **SD62/2C**

| Perimeter Systems Size Guide | |
|------------------------------|-----|
| 62 (6x2) | 2C |
| 82 (8x2) | 3C* |

*Not available in all parts

How to order Perimeter Trunking Accessories guide:

- To order Skirting/Dado Trunking Accessories, simply select the trunking family, the size, the compartment and the accessory

For example:

- Top Chamfer Skirting Trunking 90° Internal Bend in size 6x2 in 2 Compartments
- Take trunking reference **TC** + size **62** + 2 compartment **2C** + 90° Internal Bend **ISB** to give **TC62/2C/ISB**

Skirting Trunking

Skirting Trunking

Skirting Trunking is supplied in 2 metre lengths, comprising a Galvanised sheet steel body with powder coated overlapping lid, in the colour white as standard. A cover strap is provided with each length of lid. This reduces the necessity for special on-site cutting requirements, as the strap covers any cut edges.

Features:

- 20mm knockouts in the partition at the 250mm centres, allowing easy positioning of outlet plates, which require screening via the steel back box that fixes to the partition
- Chamfered or flat top options as standard
- Other powder coated finishes are available even when only a short run of trunking is required
- 2 or 3 compartments are most commonly used. However, systems to suit client's individual requirements can be manufactured with the same short lead time



150mm x 50mm

TF62/2C

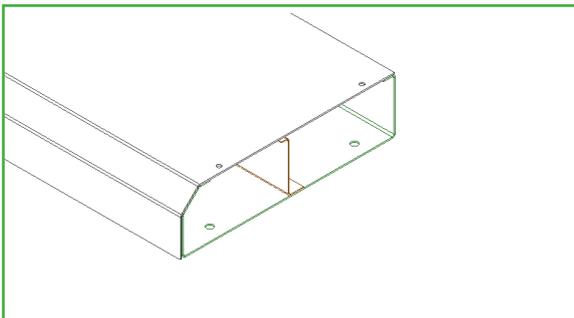
2 Comp, top 50mm - bottom 100mm



200mm x 50mm

TF82/3C

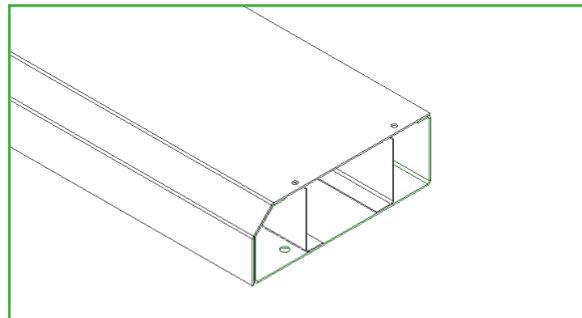
3 Comp, top 50mm, centre 100mm, bottom 50mm



150mm x 50mm

TC62/2C

2 Comp, top 50mm - bottom 100mm



200mm x 50mm

TC82/3C

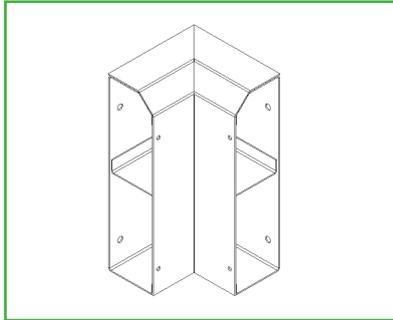
3 Comp, top 50mm, centre 100mm & bottom 50mm

Please note: The accessories on Page 149 show images for **TC** Skirting Trunking as an example.

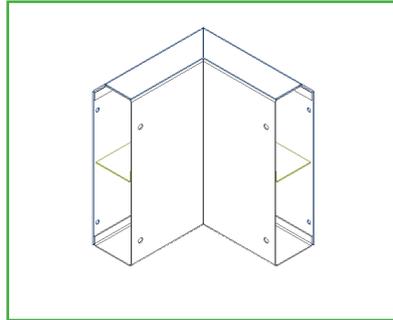
To order **TF** Skirting Trunking, add '**TF**' to the start of the part code. For example, **TF** + size **62** + 2 compartment **2C** + 90° Internal Bend **ISB** to give **TF62/2C/ISB**

Trunking Accessories

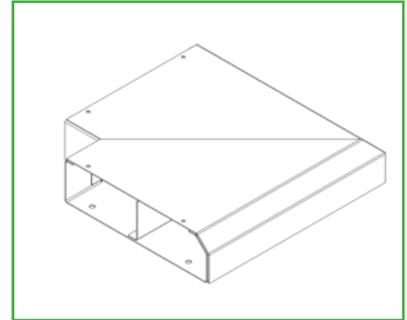
Skirting Accessories - TC Range



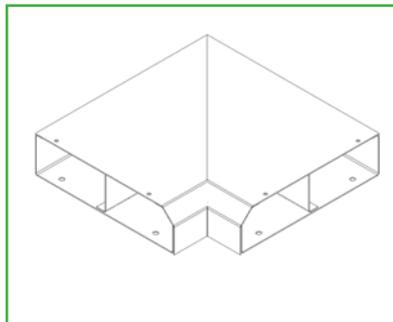
90° Internal Bend **ISB**
45° Internal Bend **IB**



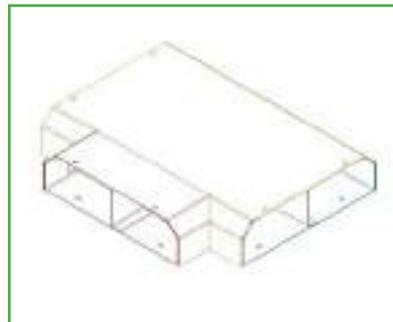
90° External Bend **ESB**
45° External Bend **EB**



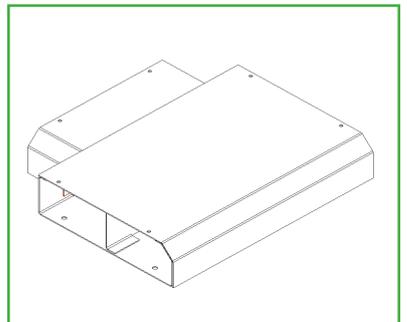
Flat Bend (downward) **FSB/D**



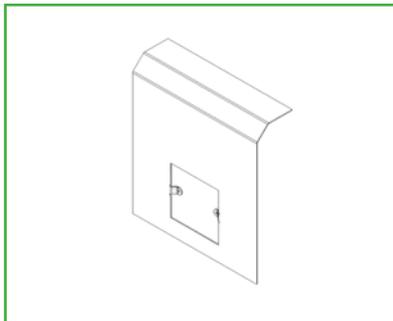
Flat Bend (Upward) **FSB/U**



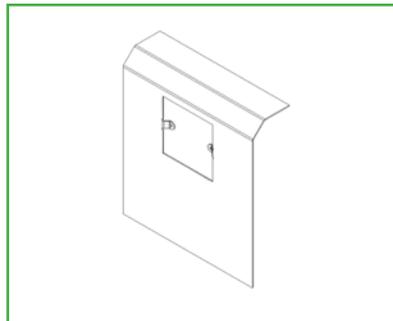
Flat Tee (Up) Left **FST/LH-U**
Flat Tee (Up) Right **FST/RH-U**



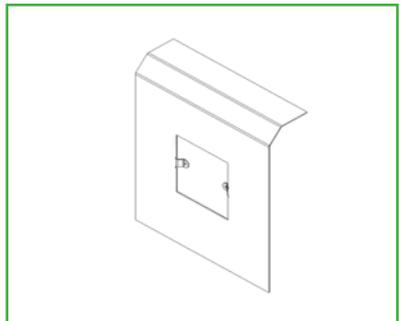
Flat Tee (Down) Left **FST/LH-D**
Flat Tee (Down) Right **FST/RH-D**



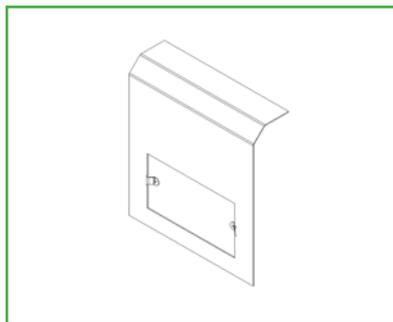
Single Socket Lid 2C Bottom
2C/SSOBTM



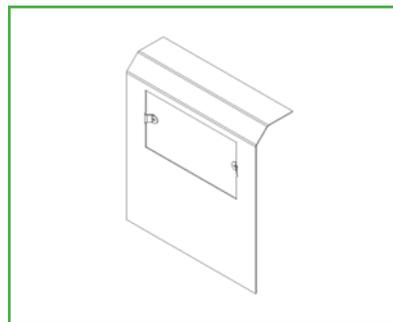
Single Socket Lid 2C Top
2C/SSOTOP



Single Socket Lid 3C
3C/SSO



Twin Socket Lid 2C Bottom
2C/TSOBTM



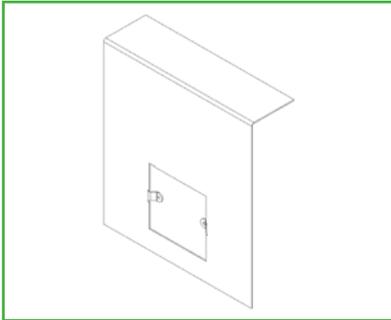
Twin Socket Lid 2C Top
2C/TSOTOP



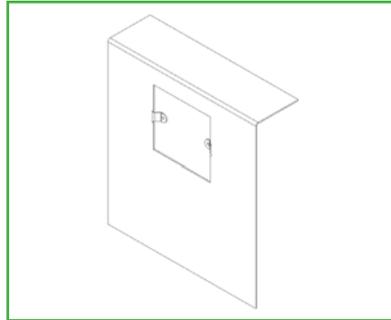
Twin Socket Lid 3C
3C/TSO

Skirting Accessories

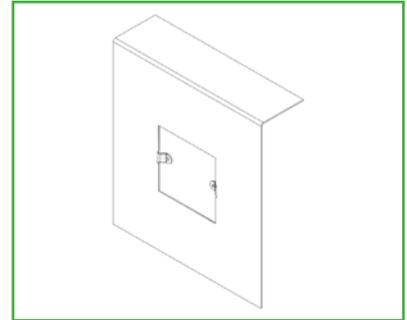
TF Range Socket Plates



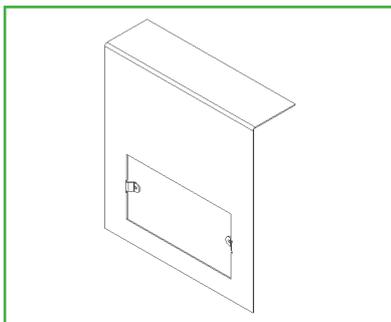
Single Socket Lid 2C Bottom
2C/SSOBTM



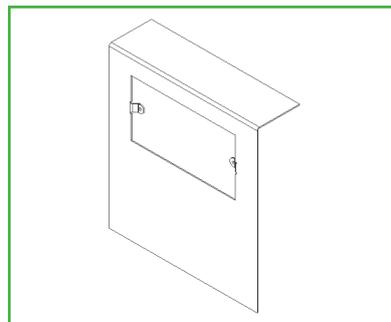
Single Socket Lid 2C Top
2C/SSOTOP



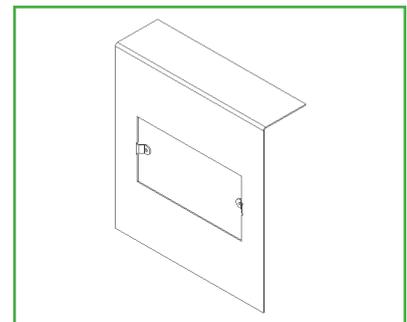
Single Socket Lid 3C
3C/SSO



Twin Socket Lid 2C Bottom
2C/TSOBTM



Twin Socket Lid 2C Top
2C/TSOTOP



Twin Socket Lid 3C
3C/TSO

How to order guide:

Accessory part numbers are the same for all styles of skirting and dado. It is the trunking part number pre-fixed before the accessory that ensures you get the correct item

For example: A twin socket outlet lid for 200mm x 50mm, 3 compartment flat top skirting. Take trunking reference **TF82/3C** + accessory part number **TSO** to give **TF82/3C/TSO** or **TF82** + accessory part number **EC/LH** to give **TF82/EC/LH**

Factory Manufactured Sets

- Pier sets and off sets can be pre-made, therefore minimising labour costs.



End cap left hand

EC/LH



End cap righthand

EC/RH



Back Box (Single)

SS/SB

Back Box (Twin)

TS/SB

Dado Trunking

Dado Trunking

Dado Trunking is supplied in 2 metre lengths. Manufactured to the same high quality as our skirting trunking, Dado trunking is designed to be installed around the perimeter above floor level, allowing for optimum use of floor space.

Features:

- Chamfer Top, Flat Top or Double Chamfer Dado options are available as standard
- 20mm knockouts in the partition at the 250mm centres, allowing easy positioning of outlet plates, which require screening via the steel back box that fixes to the partition
- Other powder coated finishes are available
- 2 or 3 compartments are most commonly used. However, systems to suit client's individual requirements can be manufactured



150mm x 50mm

SD62/2C

2 Compartment, top 50mm - bottom 100mm



200mm x 50mm

SD82/3C

3 Compartment, top 50mm, centre 100mm bottom 50mm



150mm x 50mm

CD62/2C

2 Compartment, top 50mm - bottom 100mm



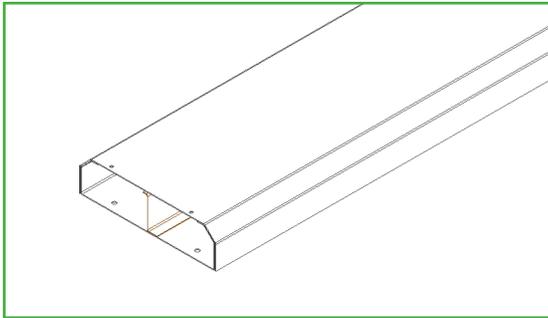
200mm x 50mm

CD82/3C

3 Comp, top 50mm, centre 100mm & bottom 50mm

Dado Trunking

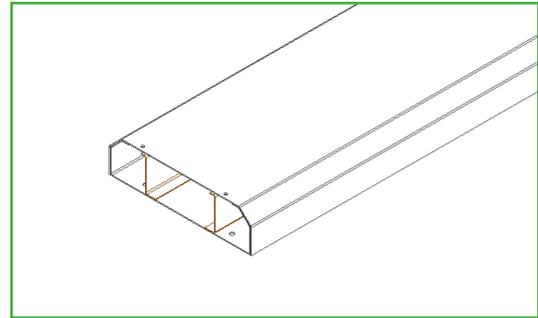
Dado Trunking - DCD Range



100mm x 100 mm

DCD/82/2C

2 Compartment, top 100mm, bottom 100mm



200mm x 50 mm

DCD/82/3C

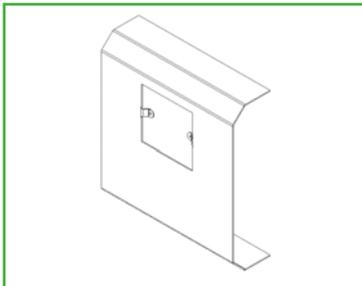
3 Compartment, top 50mm, centre 100mm, bottom 50mm

How to order guide:

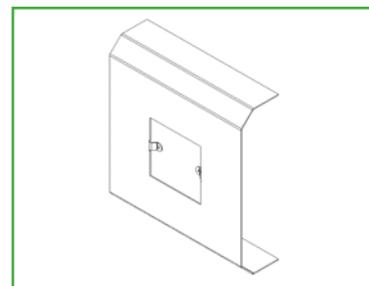
Accessory part numbers are the same for all styles of skirting and dado. It is the trunking part number pre-fixed before the accessory that ensures you get the correct item.

For example:

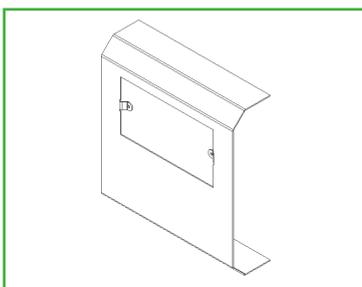
- An external bend for 200mm x 50mm, 2 compartment double chamfer dado
- Take trunking reference **DCD82/2C** + accessory part number **ESB** to give **DCD82/2C/ESB**



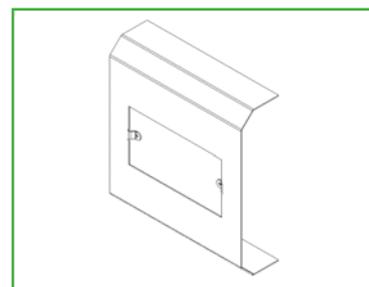
Single Socket Lid 2C
2C/SSO



Single Socket Lid 3C
3C/SSO



Twin Socket Lid 2C
2C/TSO

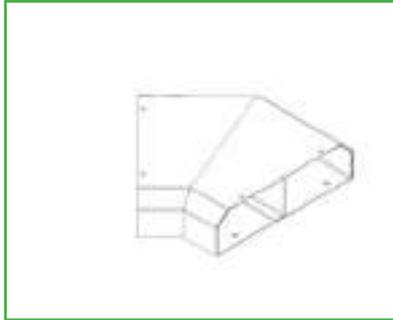


Twin Socket Lid 3C
3C/TSO

Please note: The socket lids above show images for **DCD** Dado Trunking as an example.

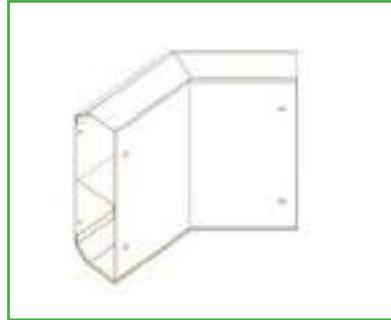
Dado Trunking

Dado Accessories - 2 Compartment



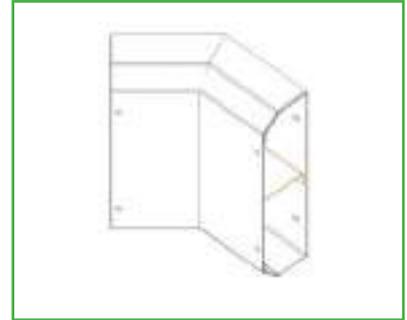
45° Flat Bend

FB



45° External Bend

EB



45° Internal Bend

IB



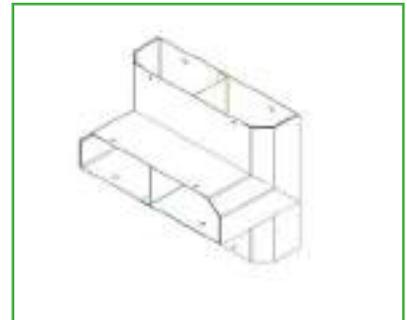
External Tee

EST



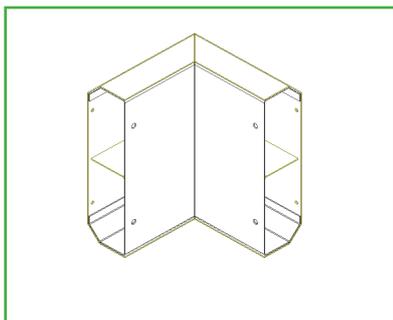
Flat tee

FST



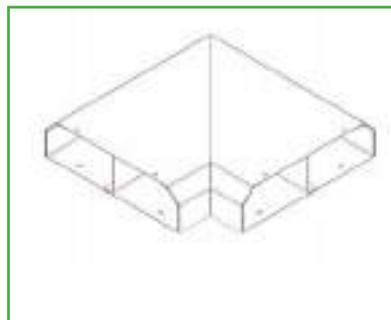
Internal Tee

IST



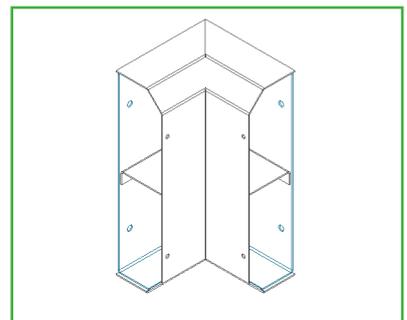
90° External Bend Square

ESB



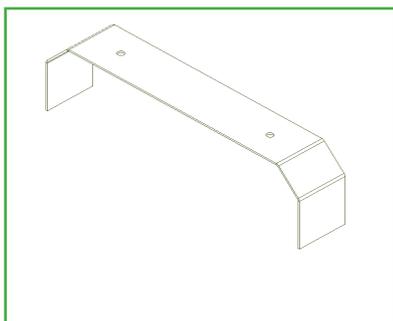
90° Flat Bend Square

FSB



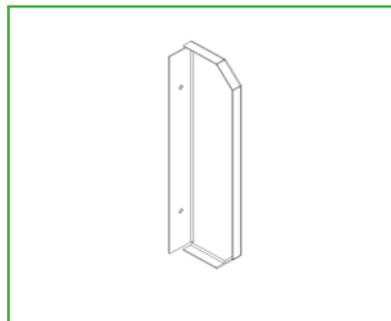
90° Internal Bend Square

ISB



Cover Strap

LC



End Cap

EC

Please note: The accessories above show images for **DCD** Dado Trunking as an example.

To order **SD** or **CD** Dado Trunking, add '**SD**' or '**CD**' to the start of the part code.

For example, **SD** + size **62** + 2 compartment **2C** + 90° Internal Bend **ISB** to give **SD62/2C/ISB**

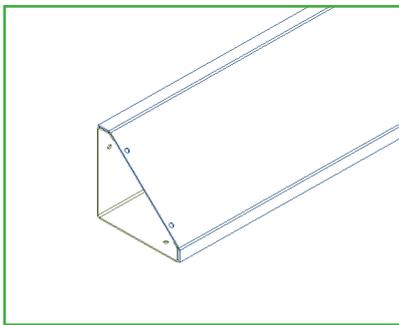
Bench Trunking

Flytec Bench Trunking is supplied in 2 metre lengths.

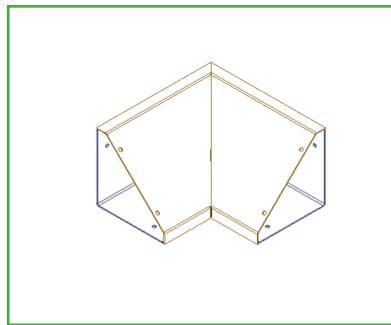
It comprises of a single compartment angled body with a powder-coated lid, with the colour white as standard. Each length and accessory is supplied with an internal connector.

This easy to install system offers a practical solution to provide services on benches and desks, commonly used in laboratories, workshops and schools/colleges.

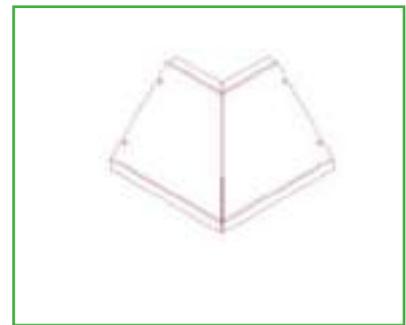
***Supplied complete with Cover Straps.**



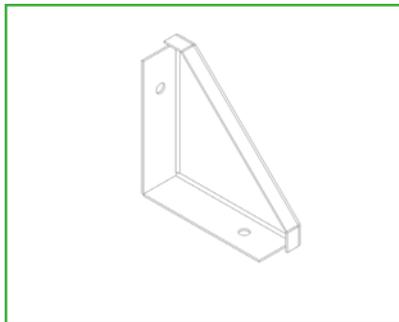
90mm x 90mm Bench Trunking **R35**



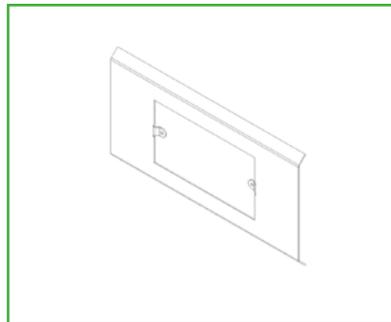
90° Internal Bend **R35/ISB**



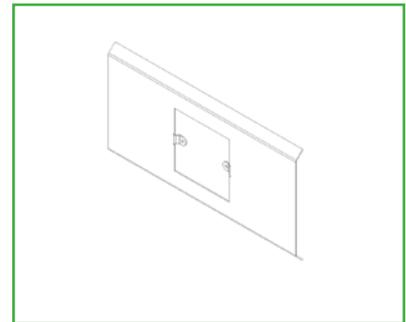
90° External Bend **R35/ESB**



Stop End **R35/EC**



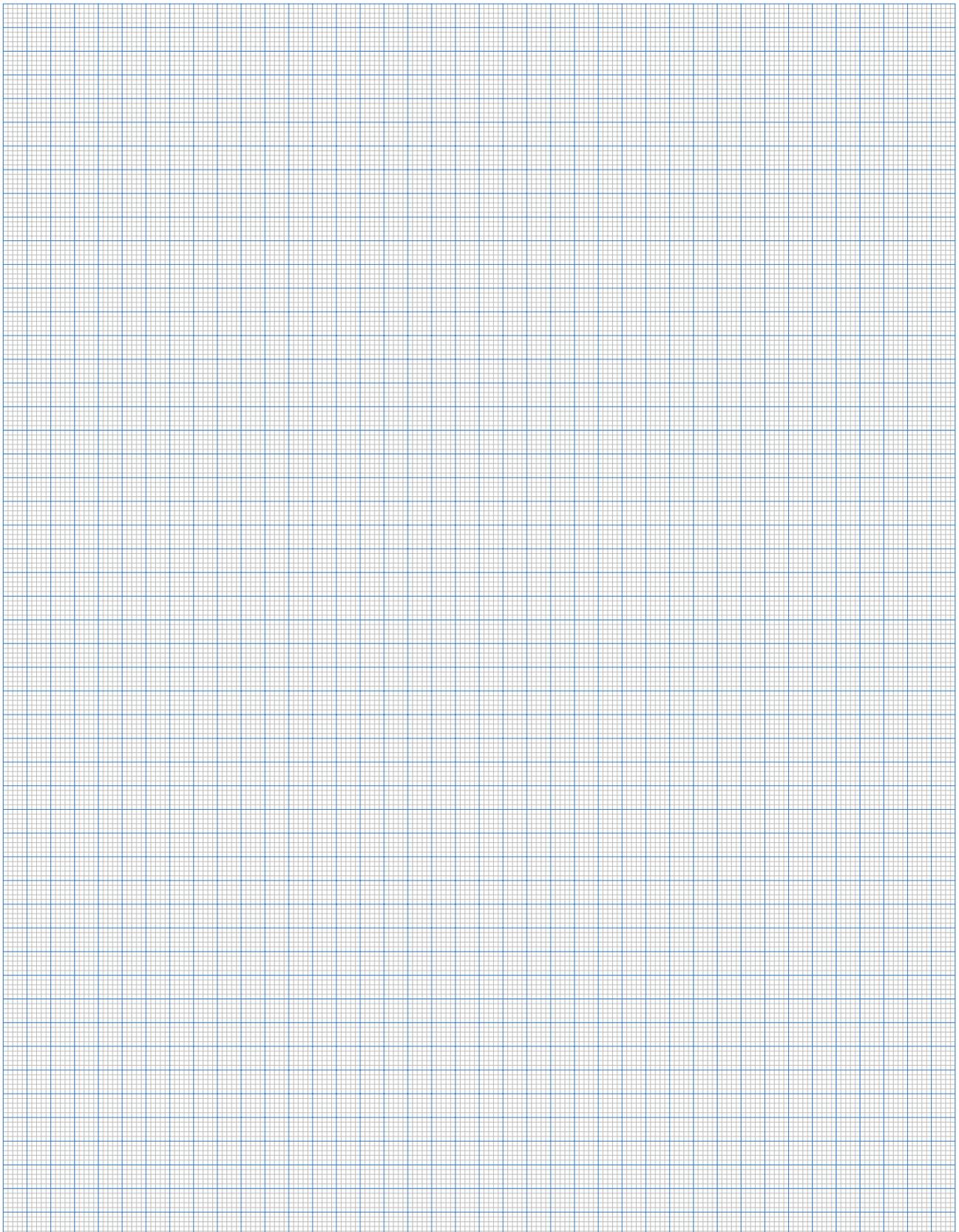
Twin Socket Lid **R35/TSO**



Single Socket Lid **R35/SSO**

Notes

0.5 cm x 0.5 cm



Flytec Trunking

Floor Systems

Underfloor & Flush Floor Systems



FLOOR SYSTEMS CONTENTS

| Contents | Page Number |
|-----------------------------|-------------|
| Flush Floor Shallow Screeds | 158 |
| D6 Flush Floor Trunking | 162 |
| Under Floor Trunking | 165 |
| Service Outlet Boxes | 169 |

Flush Floor Shallow Screeds

Flush Floor Shallow Screeds

Flush Floor Trunking body is supplied in 2 metre lengths complete with 2 x 1 metre lengths of lid secured by means of flush all steel turnbuckle fasteners. Each length of Flytec trunking is supplied with one external fitting connector.

Lids are manufactured from 3mm thick Galvanised steel. They are fully removable and may be flush or recessed by 3mm as standard. Other depths of recess can also be supplied.

It is advisable that all lid sections are fitted during screeding. This will prevent any slight inward movement to the sides of trunking body.

Atkore Unistrut recommend that Flush Floor Trunking is installed on a ribbon screed or similar to ensure support along the entire length and width of the system.

D1 - Flush Screeds



150mm x 38mm **D1/615/2C**

150mm x 50mm **D1/62/2C**

D2 - Recessed Screed



150mm x 38mm **D2/615/2C**

150mm x 50mm **D2/62/2C**



228mm x 38mm **D1/915/3C**

228mm x 50mm **D1/92/2C**



228mm x 38mm **D2/915/3C**

228mm x 50mm **D2/92/2C**

Flytec Trunking

How to order Flush Floor Trunking guide:

- To order Flush Floor Trunking, simply select the trunking (**D1** or **D2**), the size (see table below), and the compartment **2C** or **3C**

For example:

- D1 trunking, size 6x1 with 2 Compartments
- Take trunking reference **D1** + size **61** + 2 compartment **2C** to give **D1/61/2C**

| Flush Floor Size Guide | | |
|------------------------|---------------|------------|
| 61 (6X1) | 615 (6X1.5) | 62 (6X2) |
| 91 (9X1) | 915 (9X1.5) | 92 (9X2) |
| 121 (12X1) | 1215 (12X1.5) | 122 (12X2) |

Flush Floor Shallow Screeds

Flush Floor Shallow Screeds

Service outlet boxes are available for shallow screed trunking.

- The underside of the box must be set lower into the floor to enable cables to pass under the socket outlet plates whilst maintaining lids to finish level with screed
- Carpet trim and lid assembly are manufactured in a tough plastic moulding which has two individual hinged cable outlets in dark grey
- The lid is reinforced by a 3mm steel plate.
- Carpet recess is 6mm

*Refer to page 161 for service boxes



Angle Junction Box **ASL**



Tee Junction Box **AST**



Crossover Junction Box **ASX**



Riser Bend **ISB**



Riser Bend (back entry) **ISB/BE**



Stop End **EC**

Flat Bends & Tees are available on request. Contact the team for more information.

How to order Flush Floor Trunking Accessories guide:

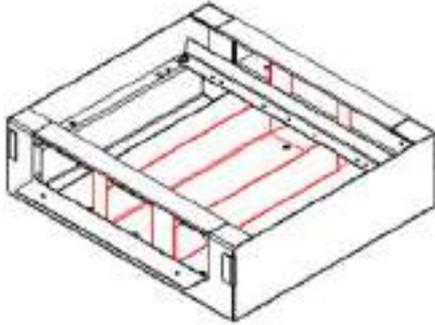
- To order Flush Floor Trunking Accessories or Junction Boxes, select the trunking (**D1** or **D2**), the size (see table on page 158), the compartment **2C** or **3C** and the accessory part code

For example:

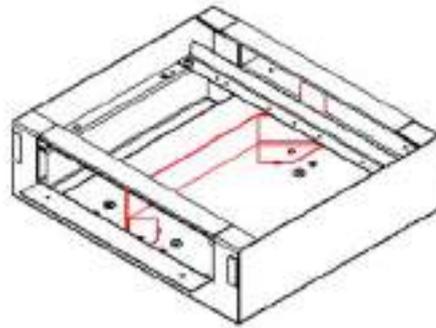
- **D1** Riser Bend size 6x1 with 2 Compartments
- Take trunking reference **D1** + size **61** + 2 compartment **2C** + **-ISB** to give **D1/61/2C-ISB**

Flush Floor Shallow Screens

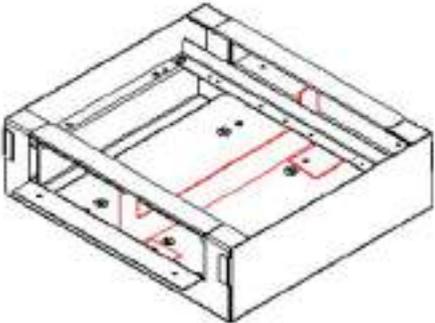
Flush Floor Service Boxes



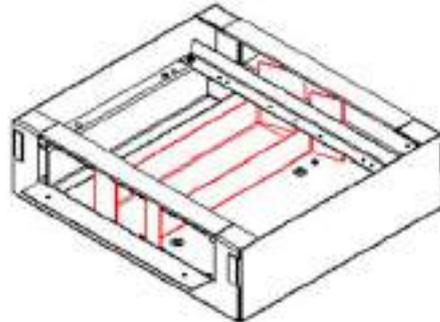
3/3 - 3 Compartment Service Box to suit 3 Compartment Trunking



3/2 - 3 Compartment Service Box to suit 2 Compartment Trunking

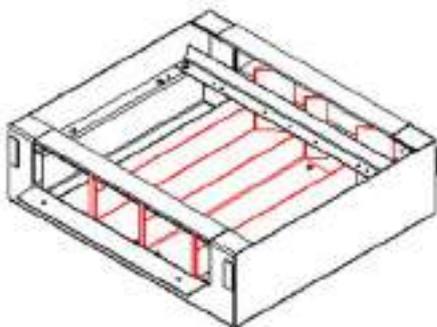


4/2 - 4 Compartment Service Box to suit 2 Compartment Trunking

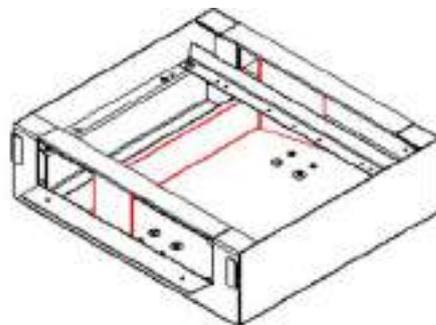


4/3OC* - 4 Compartment Service Box to suit 3 Compartment Trunking

*OC = Off Centre



4/4 - 4 Compartment Service Box to suit 4 Compartment Trunking



4/2OC* - 4 Compartment Service Box to suit 2 Compartment Trunking

*OC = Off Centre

*All sockets or variation of plates can be supplied on request.

Flush Floor Shallow Screens

Flush Floor Service Boxes

How to order Flush Floor Services Boxes guide:

- To order Flush Floor Service Boxes, select the trunking (**D1** or **D2**), the size (see table below), and the Service Box part code

For example:

- D1 3/2 Service Box in size 6x1
- Take trunking reference **D1** + size **61SB** + - **3/2** to give **D1/61SB-3/2**

Flush Floor D1 & D2 Service Boxes

| Trunking Style | Sizes |
|----------------|--------|
| D1 or D2 | 61SB |
| D1 or D2 | 91SB |
| D1 or D2 | 121SB |
| D1 or D2 | 615SB |
| D1 or D2 | 915SB |
| D1 or D2 | 1215SB |
| D1 or D2 | 62SB |
| D1 or D2 | 92SB |
| D1 or D2 | 122SB |

Service Boxes

| |
|-------|
| 3/2 |
| 3/3 |
| 4/2 |
| 4/2OC |
| 4/3OC |
| 4/4 |

Flush Floor Size Guide

| | | |
|------------|---------------|------------|
| 61 (6X1) | 615 (6X1.5) | 62 (6X2) |
| 91 (9X1) | 915 (9X1.5) | 92 (9X2) |
| 121 (12X1) | 1215 (12X1.5) | 122 (12X2) |

D6 Flush Floor Trunking Service Outlet Systems

D6 Flush Floor Trunking

Flytec's flush floor trunking is supplied in 2 metre lengths, including 400mm lengths of removable lid which are interchangeable with a service outlet box, thus giving the designer flexibility of positioning within a screeded floor installation.

Flytec lids that are manufactured from 3mm thick Galvanised Steel are fixed to the trunking body by countersunk zinc plated steel turnbuckle fasteners, providing speed of fitting by the installer and maximum rigidity of the finished product.

Key Features

- Available in two or three compartments
- It is advisable that all lid sections are fitted during screeding. This will prevent any slight inward movement to the sides of trunking body

The Flush Floor Trunking is installed on a ribbon screed or similar to ensure support along the entire length and width of the system.



How to order D6 Flush Floor Trunking & Accessories guide:

- To order D6 Flush Floor Trunking, select the trunking and the compartment (see table below)
- For accessories, simply add the accessory part number to the end of the code

For example:

- D6 2 Compartment Trunking
Take trunking reference **D6/C** + 2 compartment **15** to give **D6/C/15**
- D6 Riser Bend 2 Compartment Trunking
Take trunking reference **D6/C** + 2 compartment **15** + **ISB** to give **D6/C/15/ISB**

| D6 Flush Floor Guide | |
|----------------------|---------------|
| 15 | 2 Compartment |
| 16 | 3 Compartment |

D6 Flush Floor Trunking & Accessories

D6 Flush Floor Trunking



2 Compartment Size 235mm x 65mm **D6/C/15**



3 Compartment Size 330mm x 65mm **D6/C/16**

D6 Flush Floor Trunking Accessories



Angle Junton Box **ASL**



Crossover Junction Box **ASX**



Tee Junction Box **AST**



Riser Bend (back entry) **ISB/BE**



Riser Bend **ISB**



Stop End **EC**

D6 Flush Floor Trunking

Flush Floor Service Outlet Boxes

Two Compartment Service Box

- 2 compartment service box designed to fit into the trunking anywhere along the system layout excluding junction points
- Please refer to Page 171 for Service Box Plates (not included)



Two Compartment Service Box

D6/C/15/SB

Three Compartment Service Box

- 3 compartment service box designed to fit into the trunking anywhere along the system layout excluding junction points
- All sockets or variation of plates can be supplied on request
- Carpet trim & lid assembly manufactured in a tough plastic moulding containing two individual hinged cable outlets in dark grey
- The lid is reinforced by a 3mm steel plate and the carpet recess is 6mm



Three Compartment Service Box

D6/C/16/SB

Underfloor Trunking

Underfloor Trunking

Underfloor Trunking is designed for placing on the constructional concrete slab, to be completely covered when the final floor screed is laid and the service outlet positions fixed.

- Steel Underfloor Trunking is manufactured in 2 metre lengths
- Two or three compartment are most commonly used
- Single or other numbers of compartments can also be supplied
- The trunking lengths are a total welded construction with no need to couple together loose channel sections
- Each length is joined together by a saddle clamp and plate, which prevent any ingress of screed into the duct

2 Compartment



150mm x 25mm **E2/61**

150mm x 50mm **E2/62**

3 Compartment



225mm x 25mm **E3/91**

225mm x 50mm **E3/92**

How to order Underfloor Trunking guide:

- To order Underfloor Trunking, select the trunking and the compartment (see table below)
- For accessories, see page 166

For example:

- E2 2 Compartment Trunking in size 6x1
- Take trunking reference **E2** + size **61** to give **E2/61**

| Underfloor Compartment Guide | |
|------------------------------|---------------|
| E2 | 2 Compartment |
| E3 | 3 Compartment |

| Underfloor Size Guide | | |
|-----------------------|---------------|------------|
| 61 (6X1) | 615 (6X1.5) | 62 (6X2) |
| 91 (9X1) | 915 (9X1.5) | 92 (9X2) |
| 121 (12X1) | 1215 (12X1.5) | 122 (12X2) |

Underfloor Trunking Accessories

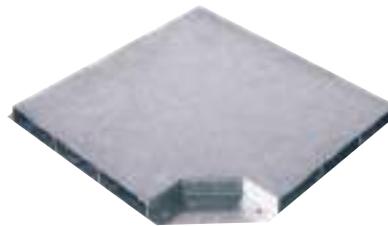
Underfloor Trunking

- Junction boxes part numbers UF/JB (75mm deep as standard, other depths available)
- Junction boxes are supplied with flange couplers and blank plates to enable use as angles, tees or 4 way
- Each box is complete with Fly-Over for cable segregation
- Carpet recess is 6mm
- Please note: Junction boxes cannot be used to house sockets or data outlets



Riser Bend

ISB



90° Flat Bend
45° Flat Bend

FSB
FB



Riser Bend (back entry) ISB/BE



End Cap

EC



Connector Plate

Conn



Earth Link

ES99

How to order Underfloor Trunking Accessories guide:

- To order Underfloor Trunking Accessories, simply use the code **UF** followed by the size (see table on page 165), the compartment and the accessory part number

For example:

- Underfloor Riser Bend in size 6x1
- Take trunking reference **UF** + size **61** + 2 Compartment **2C** + accessory code **ISB** to give **UF/61/2C/ISB**

Underfloor Trunking Accessories

Underfloor Service Boxes

Three Compartment Service Box

- 75mm deep as standard, other depths available on request
- Additional sockets or a variation of plates can be supplied on request
- Carpet trim and lid assembly manufactured in a tough plastic moulding which has two individual hinged cable outlets in dark grey
- The lid is reinforced by a 3mm steel plate
- Carpet recess is 6mm.
- Socket plates sold separately, see page 171



How to order Underfloor Services Boxes guide:

- To order Underfloor Service Boxes, use code **UF**, the size (see table below), and the Service Box part code

For example:

- Underfloor 3/2 Service Box in size 6x1
- Take **UF** + size **61SB** + **-3/2** to give **UF/61SB-3/2**

| Service Box Ordering Guide | |
|----------------------------|--------|
| Part Code | Sizes |
| UF | 61SB |
| UF | 91SB |
| UF | 121SB |
| UF | 615SB |
| UF | 915SB |
| UF | 1215SB |
| UF | 62SB |
| UF | 92SB |
| UF | 122SB |

| Service Boxes |
|---------------|
| 3/2 |
| 3/3 |
| 4/2 |
| 4/2OC |
| 4/3OC |
| 4/4 |

| Underfloor Size Guide | | |
|-----------------------|---------------|------------|
| 61 (6X1) | 615 (6X1.5) | 62 (6X2) |
| 91 (9X1) | 915 (9X1.5) | 92 (9X2) |
| 121 (12X1) | 1215 (12X1.5) | 122 (12X2) |

Chequer Plate Trunking

Chequer Plate Trunking & Accessories

When a Flush Floor Trunking is required in an area where excessive loads will be transported such as a warehouse or industrial environment, Atkore Unistrut manufacture a robust steel trunking body fitted with a 6mm thick chequer plate lid fixed into place by M6 countersunk screws.

It is recommend that Flush Floor Trunking is installed on a ribbon screed or similar to ensure support along the entire length and width of the system.

It is advisable that all lid sections are fitted during screeding. This will prevent any slight inward movement to the sides of the trunking body.

Single or multi-compartment options are available with a range of accessories, including:

- Riser Bend
- Stop End
- Flat Bend
- Tee
- Crossover

*Service boxes are not available with chequer plate trunking

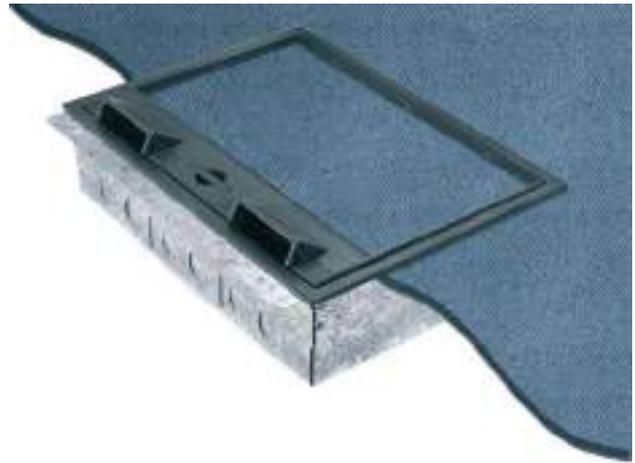


Service Outlet Boxes

Service Outlet Boxes

Service Outlet Boxes

- For screed or raise floor applications
- Available in 2, 3 or 4 compartments
- Outer box with 20mm and 25 mm knockouts of two sides
- Standard box depth is 75mm, other sizes are available
- A wide range of outlet plates to carry voice, data and power sockets
- Available with a dark grey carpet trim fitted as standard or a stainless steel trim
- Deep lid recess boxes can be manufactured to accommodate stone, marble or timber infill



Service Outlet Boxes

Service Outlet Boxes



Three compartment service box

CAV/3
SCD/3



Four compartment service box

CAV/4
SCD/4

3 Compartment Box (Raised Floor)

- Floor cut-out size 304mm x 221mm
- Socket Plates sold separately, see page 171

4 Compartment Box (Raised Floor)

- Floor cut-out size is 204mm x 221mm
- Socket Plates sold separately
- Only panel-mounted accessories will fit into 4 box compartment boxes

Part Number Guide

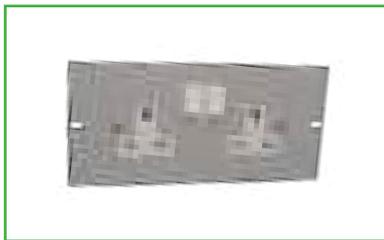
| Part Number | Description |
|-------------|-------------------------------|
| CAV/3/60 | CAVITY 3C 60MM DEEP SERV. BOX |
| CAV/3/65 | CAVITY 3C 65MM DEEP SERV. BOX |
| CAV/3/75 | CAVITY 3C 75MM DEEP SERV. BOX |
| CAV/3/90 | CAVITY 3C 90MM DEEP SERV. BOX |
| CAV/4/60 | CAVITY 4C 60MM DEEP SERV. BOX |
| CAV/4/65 | CAVITY 4C 65MM DEEP SERV. BOX |
| CAV/4/75 | CAVITY 4C 75MM DEEP SERV. BOX |
| CAV/4/90 | CAVITY 4C 90MM DEEP SERV. BOX |
| SCD/3/60 | SCREED 3C 60MM DEEP SERV. BOX |
| SCD/3/65 | SCREED 3C 65MM DEEP SERV. BOX |
| SCD/3/75 | SCREED 3C 75MM DEEP SERV. BOX |
| SCD/3/90 | SCREED 3C 90MM DEEP SERV. BOX |
| SCD/4/60 | SCREED 4C 60MM DEEP SERV. BOX |
| SCD/4/65 | SCREED 4C 65MM DEEP SERV. BOX |
| SCD/4/75 | SCREED 4C 75MM DEEP SERV. BOX |
| SCD/4/90 | SCREED 4C 90MM DEEP SERV. BOX |

Service Box Plates

3 Compartment Service Box Plates

3 Compartment Box (Raised Floor)

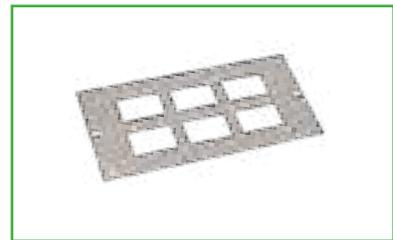
- Service Box Plates are supplied with 2 x M3.5X6.5 Pozi-Pan Self Tapper BZP screws
- Supplied in RAL7035 Semi-Gloss as standard (Light Grey)



Panel Mounted Twin Cutout
1TS/CT/3C (plate only)
1TS/CT/SKT/3C (with socket)



Wandsworth Panel Mounted Twin Cutout 60mm
1TS/WW/3C (plate only)
1TS/WW/SKT/3C (with socket)
*Shallow box only



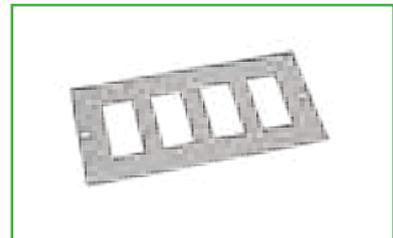
6 Way RJ45
6RJ45/3C (37mm x 22mm)



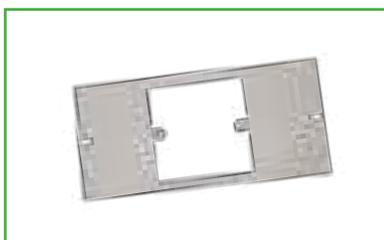
4 RJ45 Cutouts
4RJ45/3C (37mm x 22mm)



Dual Single Socket Cutouts
2SS/3C (data only)



4 RJ45 Cutouts
4RJ45/3C/EU (25mm x 50mm)



Single Socket Cutout
1SS/3C (data only)



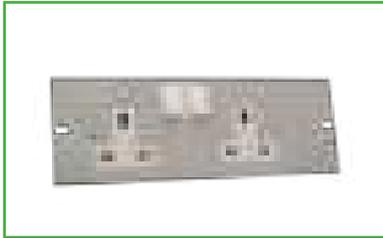
Twin Socket Cutout
1TS/SM/3C (plate only)



3 Compartment Blank Plate
BL/3C (37mm x 22mm)

Service Outlet Boxes

4 Compartment Box Plates



Panel Mounted Twin Cutout
1TS/CT/4C (plate only)
1TS/CT/SKT/4C (with socket)



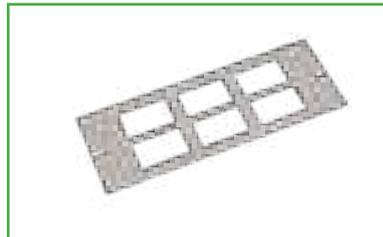
Wandsworth Panel Mounted Twin
Cutout 60mm
1TS/WW/4C (plate only)
1TS/WW/SKT/4C (with socket)
*Shallow box only



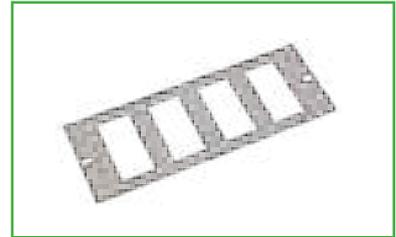
Blank Plate
BL/4C



4 off RJ45 Cutouts
4RJ45/4C
(cutout size 37mm x 22mm)



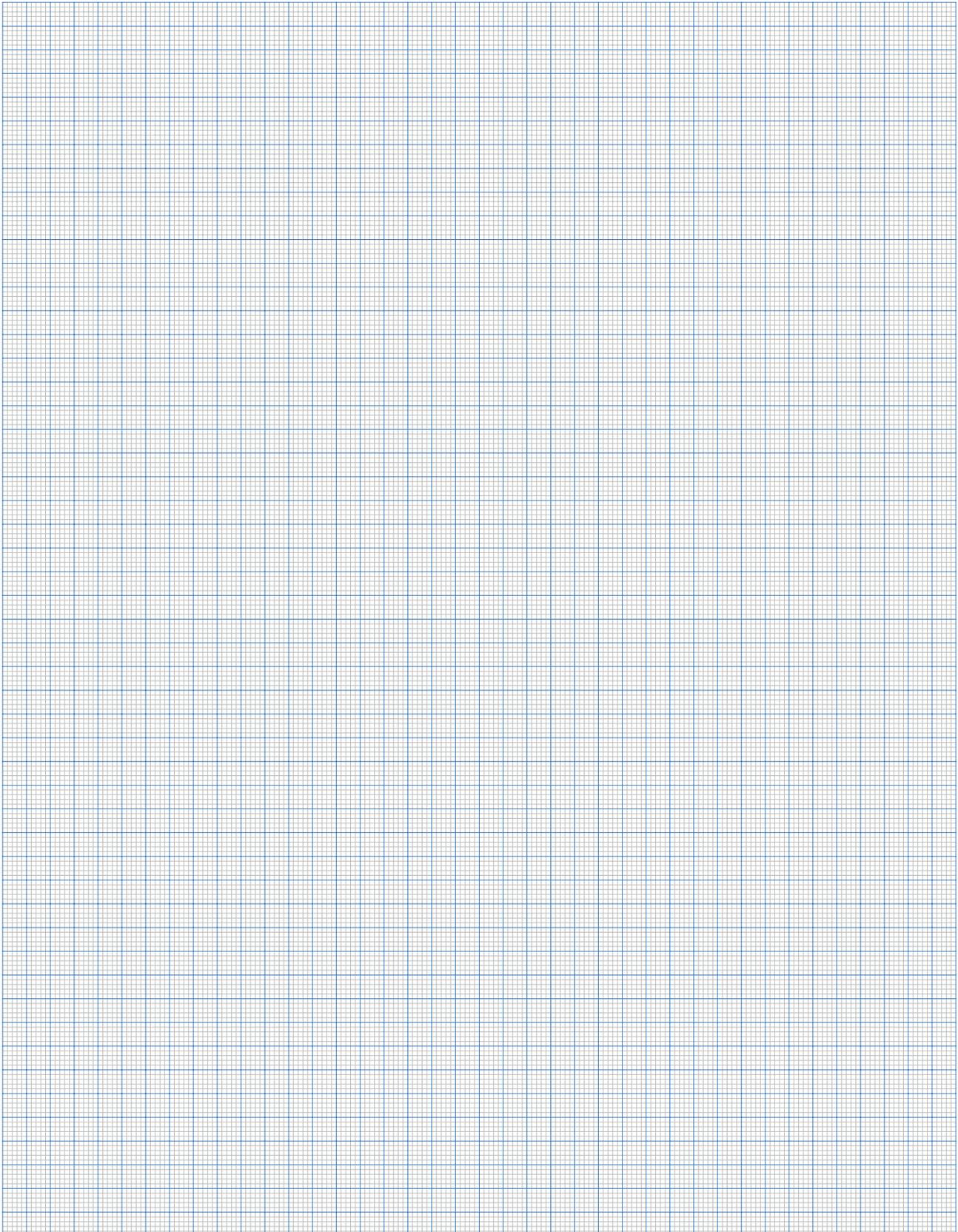
6 Way RJ45
6RJ45/4C
(cutout size 37mm x 22mm)



4 off RJ45 Cutouts
4RJ45/4C/EU
(cutout size 25mm x 50mm)

Notes

0.5 cm x 0.5 cm



Lighting Trunking

Galvanised & White Lighting
Trunking



LIGHTING TRUNKING CONTENTS

| Contents | Page Number |
|------------------------------|-------------|
| Galvanised Lighting Trunking | 176 |
| White Lighting Trunking | 178 |

Lighting Trunking - Galvanised

- Lighting trunking 50 mm x 50 mm is available in 3, 4 or 5 metre lengths
- The trunking may be fixed directly to the ceiling or suspended by hanging brackets
- Lids in 2 metre lengths can be supplied in galvanised or white PVC material
- Long connectors fixed internally between trunking lengths provide strengths & rigidity through the trunking run



Galvanised Lid **FLT/LID/G**



50mm x 50mm
5 metre length **FLT22/5**
4 metre length **FLT22/4**
3 metre length **FLT22/3**



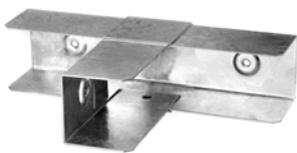
Internal Bend **FLT/ISB**



External Bend **FLT/ESB**



Flat Bend **FLT/ESB**



Internal Tee **FLT/IST**



External Tee **FLT/EST**



Flat Tee **FLT/FST**

Lighting Trunking

Lighting Trunking - Galvanised



Crossover

FLT/CO



Connector

FLT/CON



Hanger (10mm Hole)

FLT/HC



45° Flat Bend

FLT/FB



45° Internal Bend

FLT/IB



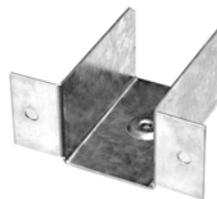
45° External Bend

FLT/EB



End Cap

FLT/EC



Flange

FLT/FE



Cable Retainer

FLT/CS



Girder Clamp

FLT/GC



Fitting Suspensions

FLT/SK

Lighting Trunking - White

Lighting Trunking - White



PVC Lid

FLT/LID



Flat Bend

FLT/FSB/W



Internal Bend

FLT/ISB/W



External Bend

FLT/ESB/W



Flat Tee

FLT/FST/W



Flat Tee

FLT/FST/W



External Tee

FLT/EST/W



Crossover

FLT/CO/W



5 metre length
4 metre length
3 metre length

50mm x 50mm
FLT22/5/W
FLT22/4/W
FLT22/3/W

Lighting Trunking - White

Lighting Trunking - White



Hanger **FLT/HC/W**



45° Internal Bend **FLT/IB/W**



45° External Bend **FLT/EB/W**



45° Flat Bend **FLT/FB/W**



End Cap **FLT/EC/W**



Flange **FLT/FE/W**



Girder Clamp **FLT/GC/W**

- Lighting trunking can also be supplied in white polyester powder coating, this greatly enhances the aesthetic value of an exposed lighting layout
- White lighting trunking is supplied in 3, 4 and 5 metre lengths
- Lids and connectors must be ordered separately with lighting trunking
- Minimum order quantities apply

Pedestal Boxes

One & Two Gang Pedestal Boxes



PEDESTAL BOXES CONTENTS

| Contents | Page Number |
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| Pedestal Boxes | 182 |
| One & Two Gang | 182 |

Pedestal Boxes

Pedestal Boxes

Pedestal Boxes are available with one or two gang apertures, single or double sided designed for mounting onto floors or benches. Ideal for use within schools, laboratories and workshops.

Robustly constructed from sheet steel, finished polyester powder coated white as standard. Other colours are available on requests.



Single Gang

E1010



Two Gang

E1012



Double Sided One Gang

E1016



Double Sided Two Gang

E1014

Modular & Pre Fabricated

Off-Site Construction and
Pre Fabricated Solutions



Pre Fabricated & Modular

Pre Fabricated & Modular Systems

Atkore Unistrut & Marco offer a wide range of expertise and services to supply custom solutions to suit the needs of any project.

The complete bespoke solution from Atkore Unistrut & Marco

We understand the challenges that modern infrastructure projects create. It's often the case that an off-the-shelf solution is unable to answer all of your needs and requirements, especially when there are specific location, timing, or environmental issues to consider.

In these situations a bespoke solution can offer you the durability and flexibility you need to successfully deliver your project.

Atkore Unistrut & Marco's Pre Fabricated framing service specialises in solving complex framing issues. The ability to assess, design, build and support bespoke framing systems has proven to be invaluable on a variety of major projects.



Working with a wide range of industries

Atkore Unistrut & Marco's products help to support the infrastructure that is vital to modern industry and commerce. The product range can be seen in over 50 industry sectors where expertise and reliability are vital to success.

Atkore Unistrut & Marco's team of framing experts design and deliver projects that keep industry functioning, from the petrochemical sector to transportation, from the oil and gas industry through to the latest developments in high-tech Data Centres.



Oil and Gas



Rail



Petrochemical



Aviation



Data Centres



Nuclear

Trapeze & H Frames

Trapeze & H Frames

Multi-Service support for mechanical, electrical and ventilation

Fully Specified

Each threaded rod unit can be supplied to the clients specific requirements, ensuring that every job is met with accurate and ready to install modules. Specific dimensions on the size of channel used and the diameter of the threaded rod can be specified to Atkore Unistrut upon enquiry.

Multiple Tiers

Each unit can be supplied as a single, or multi-tiered set, to allow for changing of configurations on-site.

Best Practice

Each trapeze frame is manufactured to Atkore Unistrut's best practice, which includes our square plate and flat washers. Atkore Unistrut ensure each unit is manufactured to comply with all applicable standards.

Application Specific

Each trapeze unit is designed to specific customer requirements, with application driven load calculations done beforehand to ensure each unit can support all on-site requirements.



Multi-Service brackets manufactured from Atkore Unistrut, available as welded or bolted systems

Atkore Unistrut's H-Frames can be supplied in two system configurations to allow for flexibility when ordering the product. H-Frames are available as follows:

Bolted System

Atkore Unistrut's bolted system is supplied with all accessories pre-installed to the unit using nut and bolt configurations. This solution is ideal for projects where the installer may need to make small adjustments based on site requirements.

Welded System

Atkore Unistrut's welded H-frames are designed for rigidity and sustained product life. Each welded unit is supplied complete and cannot be adjusted to suit on-site requirements, as all design requirements are signed off before manufacture.



Pre Fabricated & Modular Systems

Bespoke modular units, delivered complete & ready to install

Atkore Unistrut's kit assemblies are designed for installation on projects where multiple, repeating specifications are required, and are supplied complete, ensuring each order arrives with the exact number of components and accessories.

Benefits of kit modules include reduced waste on site, reduced time spent cutting and assembling framing, and ensuring that exact quantities are delivered each time.

Reduced time on-site

By ordering Atkore Unistrut kit modules, you can be sure each unit arrives on site, ready to install.

Reduced waste

Each unit is supplied pre-cut to exact lengths requested, ensuring no excess waste is produced on-site.

Exact quantities

Each module is delivered complete with all accessories and fittings required. This ensures no excess waste is created during installation.

Each module supplied with a single bill of materials, and handled as a single order

When kit assemblies are ordered, each is processed as a single unit, with a bill of materials being delivered to the customer for approval.

Atkore Unistrut then manage the entire process, ensuring that each kit is supplied as one single unit, rather than one order for multiple parts.

Example bill of materials for Atkore Unistrut Kit Assembly. Unit would be ordered with a unique code, for example WS1011481



Bill of Materials

| Item | Qty | Part Number | Description |
|------------|-----|-------------|-----------------------|
| 1 | 2 | P1000X1000 | Plain Channel PG |
| 2 | 1 | P1000X2000 | Plain Channel PG |
| 3 | 1 | P1000X1250 | Plain Channel PG |
| 4 | 2 | P1000X2500 | Plain Channel PG |
| 5 | 2 | P1000X600 | Plain Channel PG |
| 6 | 4 | P2223 | Double Corner Bracket |
| 7 | 33 | PNP12A | M12 Channel Nut |
| 8 | 33 | 933312X30 | Hex-Head Bolt |
| 9 | 33 | 125M12 | Washer |
| Order Code | | | WS1011481 |

2D Modules

Pre Fabricated & Modular Systems

2D Modules to support multiple services supplying mechanical and electrical services

Similar to our H-Frames, Atkore Unistrut 2D modules are designed, manufactured and delivered to site ready to install. Utilised in housing a large amount of containment and infrastructure, including ventilation and air conditioning units, Atkore Unistrut's 2D modules can be installed vertically and horizontally.

Vertical units can be utilised to carry service risers through high-rise builds. 2D modules are also available as bolted or welded units.

Delivered complete

Each 2D module is delivered complete, ready to install and ready to house a wide variety of services.

Quality Manufacturing

Each 2D module are manufactured to strict quality requirements, with each module tested to meet the load specification from the client.

Support

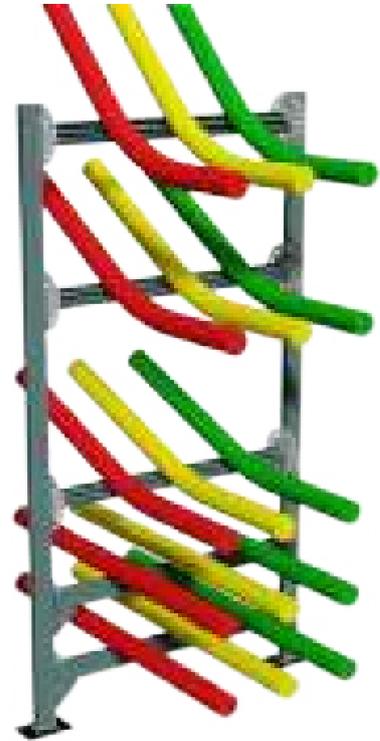
Atkore Unistrut's 2D modules are designed to carry a wide range of mechanical and electrical services and support pipework, also known as 'skids'.

Bolted or Welded Assembly

Atkore Unistrut's 2D modules are available as bolted or welded units, allowing for enhanced rigidity, or design flexibility as required.

Risers

2D modules are designed to carry service risers throughout high-rise builds.



Pre Fabricated & Modular Systems

Unpopulated 3D modules, designed as extensions of the 2D model, manufactured to house a wide range of electrical and mechanical services

Atkore Unistrut 3D modules are designed to house a complex series of electrical and mechanical infrastructure.

Atkore Unistrut's modular service ensures each unit is manufactured to the customers' specific requirements, and clear guidance and technical support, as well as regular updates provided throughout the manufacturing process.

Bolted or Welded Assemblies

Atkore Unistrut 3D modules can be delivered as bolted or welded units. Bolted units give the client the flexibility to alter units to suit on-site requirements, whilst welded units provide a stronger, more rigid base to house services.

Scope of work

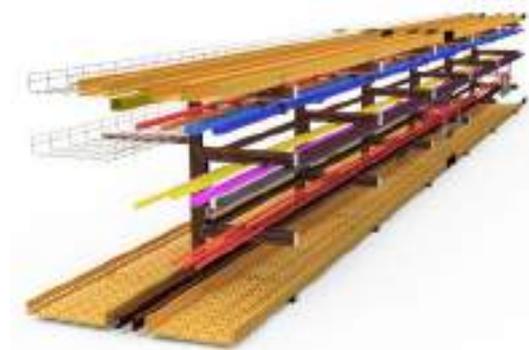
Atkore Unistrut are able to manufacture a wide scope of 3D modules, whether the client requires a one-off design solution, or hundreds of modules. No project is the same, and Atkore Unistrut are able to offer a wide variety of flexible solutions to suit the clients' needs.

Ready to install

Atkore Unistrut 3D modules are assembled in-house at our specialist facility and delivered to site, complete and ready to install.

Flexible design service

Atkore Unistrut offer a complete design assistance service, ensuring each module is drawn and signed off before manufacture.



Populated Modules

Pre Fabricated & Modular Systems

Fully populated modules with mechanical and electrical services installed.

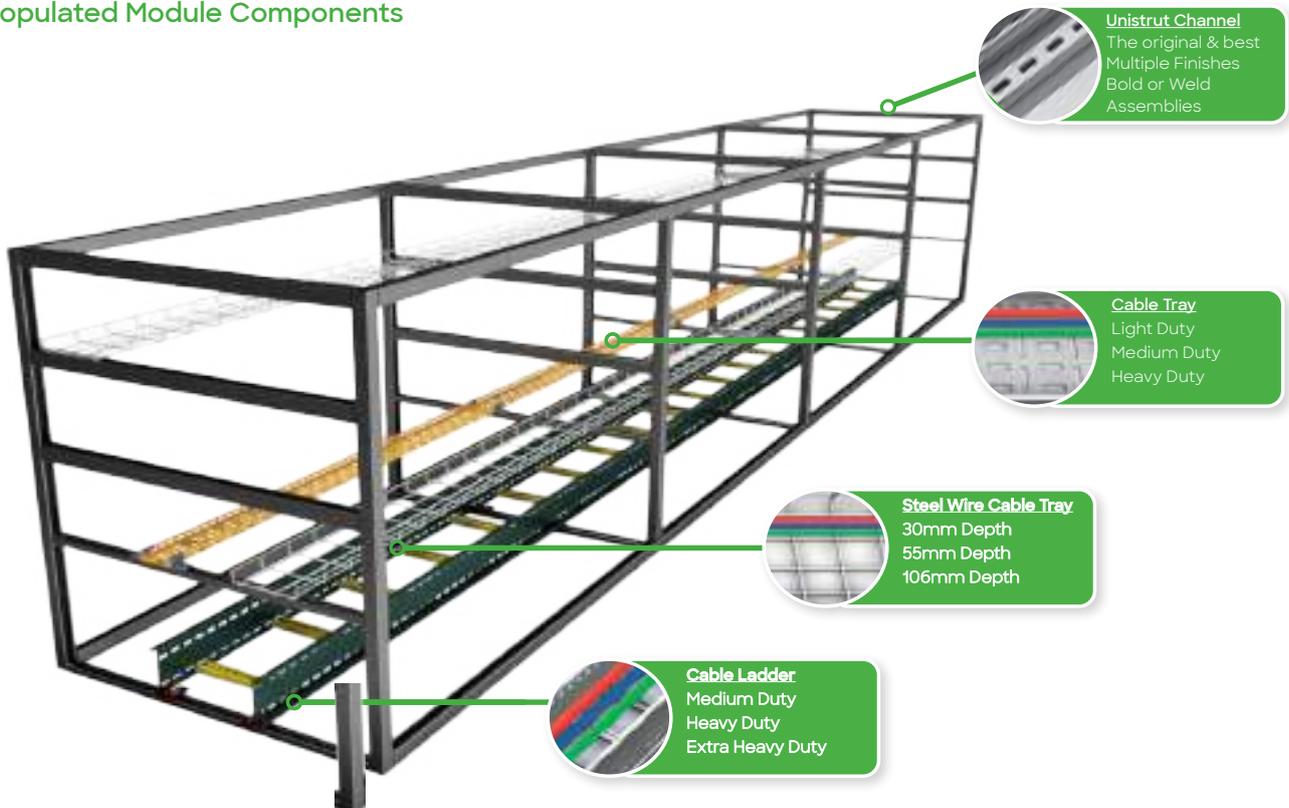
Atkore Unistrut & Marco are also able to populate 2D and 3D modules with a number of services from our range of electrical raceway products.

This includes cable ladder, cable tray, cable trunking and Atkore Marco Steel Wire Cable Tray. These products are all installed in the modules before shipping and secured in place using a range of Atkore Unistrut fittings and accessories.

Atkore Unistrut & Marco's ability to offer fully serviced M&E modules allows us to take on a wider variety of projects, giving modular framing systems a wider application reach.

Quality assurance is integral to the manufacture of each module, with each being thoroughly checked prior to delivery, ensuring each unit is fully compliant with relevant standards and specifications.

Populated Module Components



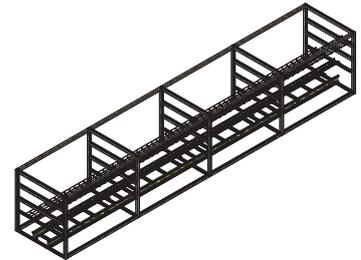
Technical Capabilities

Pre Fabricated & Modular Systems

Working with clients to ensure each module is supplied in line with project timetables

Atkore Unistrut are able to offer a series of technical and engineering support services for all modular products.

Product delivery is key, and important to the construction of modules. Atkore Unistrut is committed to delivering a complete service when it comes to designing and delivering modular framing systems. This enables the business to support the client throughout the entire design phase.



From initial enquiry Atkore Unistrut are able to offer a tailored service to meet all the customers' needs and requirements. With support and advice given through each step of the service to ensure the correct solutions are delivered first time.

Our service includes:

- 1. Consultation**, by sitting down with the client and having an initial requirement discussion, Atkore Unistrut & Marco can begin looking at drawings and advise on what requirements need to be met for the project
- 2. Specification**, Once specification is given, Atkore Unistrut & Marco will look at the engineering and design requirements through detailed drawings sent from the client, from this an accurate bill of materials to provide costs for producing each module can be generated.
- 3. Drawing Delivery & Design Freeze**, Atkore Unistrut & Marco will deliver drawings and get Client approval on modular units ready to go into manufacture. Here the final decision and order is placed for the units, with customer accepting design responsibility.
- 4. Project Delivery & Schedule**, Modules are put into manufacture in-line with clients delivery schedule, to ensure each unit required for each phase of construction is delivered on time.
- 5. Manufacture**, Atkore Unistrut & Marco will begin manufacture of each module, ensuring quality checks are performed at each key stage. Client is updated with progress on their modules and continuous communication from the engineering and sales teams.
- 6. Delivery**, Upon completion, Unistrut will deliver completed modules to site, ready to install as per agreed schedule.



Consultation



Specification



Design



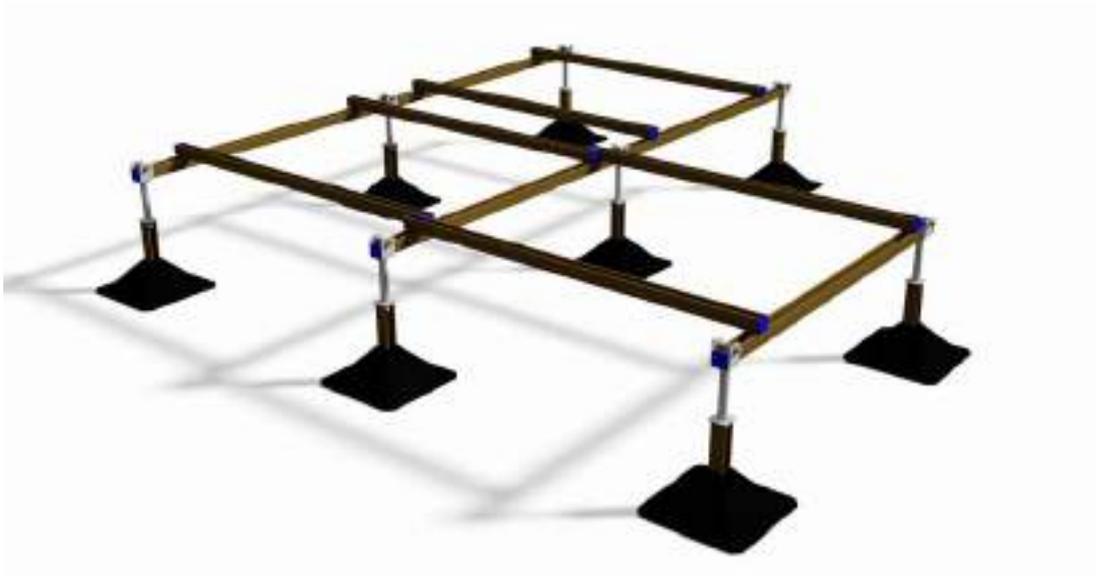
Manufacture



Support

Rooftop Support Modules

Pre Fabricated & Modular Systems



Atkore Unistrut's rooftop systems are quick to install solutions for carrying a series of rooftop services, including mechanical & electrical containment and air handling units

The Atkore Unistrut range of products have been designed to offer an economical & time saving solution for mounting building services, such as pipe work, electrical containment, air conditioning & refrigeration equipment on flat roofs.

Key Features

- Available as base units & extension units
- Height adjustable from 300 to 405mm
- Fully load tested
- Designed to support all types of rooftop services, including air handling units
- Comes in kit form for easy shipping and storage
- Easy to follow assembly instructions included
- Extender frames add on to base frame offering design flexibility

Rooftop Support Modules

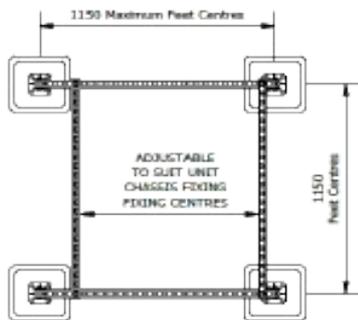
Rooftop Support

Key Features

Each Uniframe module has complete installation flexibility, able to accept any length of Unistrut channel, and with adjustable height legs, Uniframe is the perfect solution for all types of rooftop support projects.

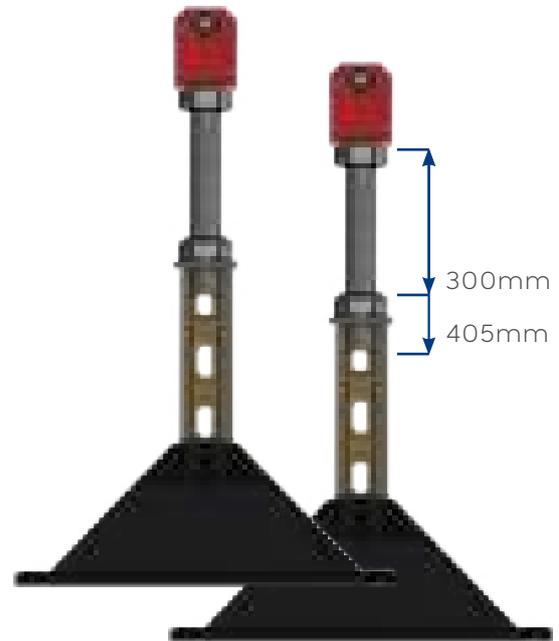
Adjustable Height

Uniframe's adjustable foot pedestal allows for unit height to be increased or decreased by over 100mm to suit on site applications.



All in the box

Each component required to assemble a base or extension is supplied in the box, ready to install with all required accessories and components.



Channel you can trust

All products in the Uniframe range are assembled using Atkore Unistrut channel and supporting products, ensuring the highest quality throughout.



HD Beams

These allow load to be distributed evenly by being placed accurately, such as over existing obstacles. Each unit has adjustable height and comes complete with beam clamps.



DfMA

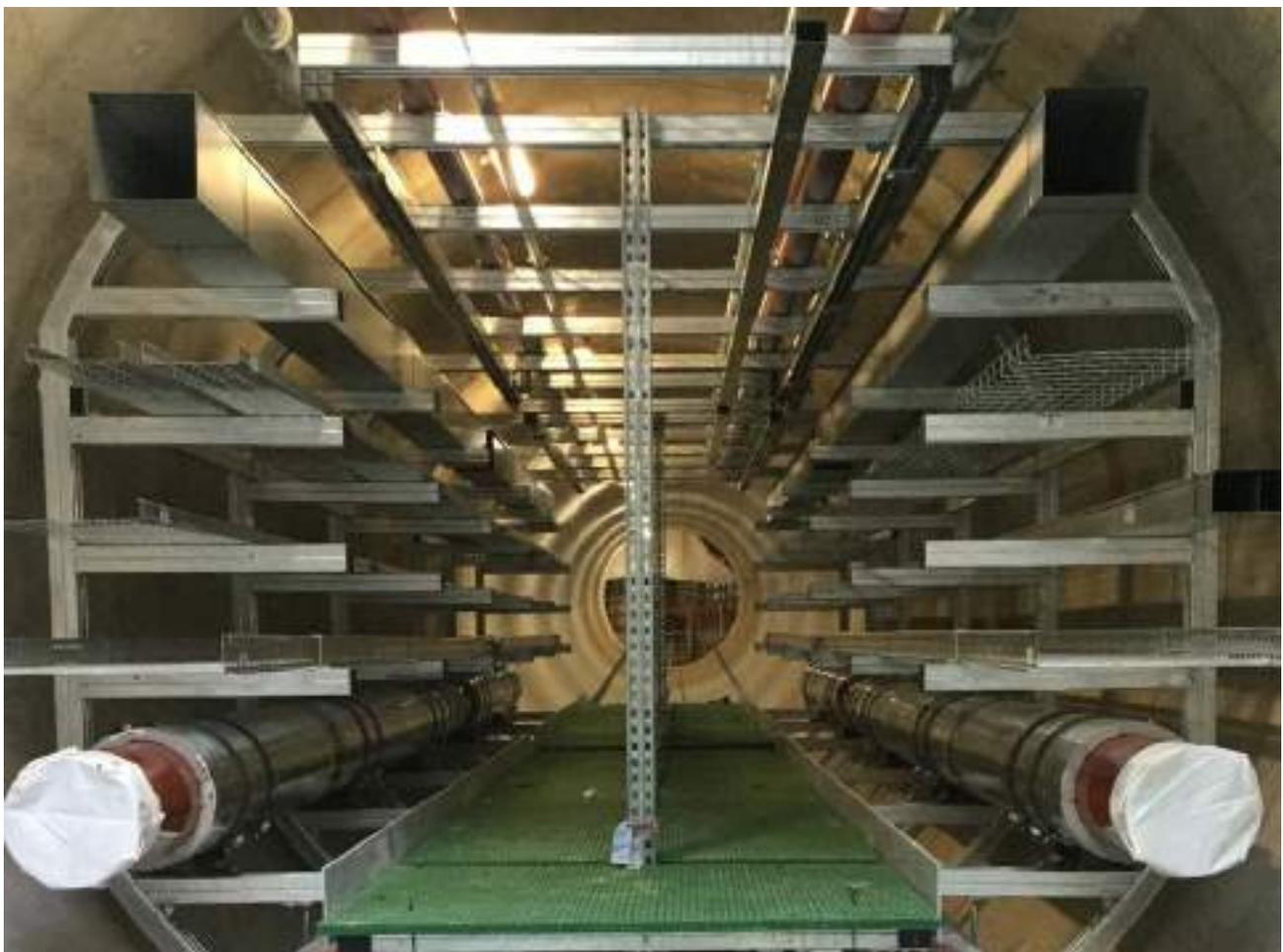
Design for Manufacture and Assembly

Atkore Unistrut & Marco are dedicated to delivering the correct solution for your project.

From single support frames to complete modular schemes, Atkore Unistrut & Marco's DfMA solutions are engineered and assessed for purpose, delivered in the highest quality product on time and to program.

DfMA can increase the quality compared to conventional methods through repeatability in production and quality control methods.

The biggest advantage is the reduction in installation time against program. Significant reduction in programme time required meets the rigorous demands of modern project timelines.

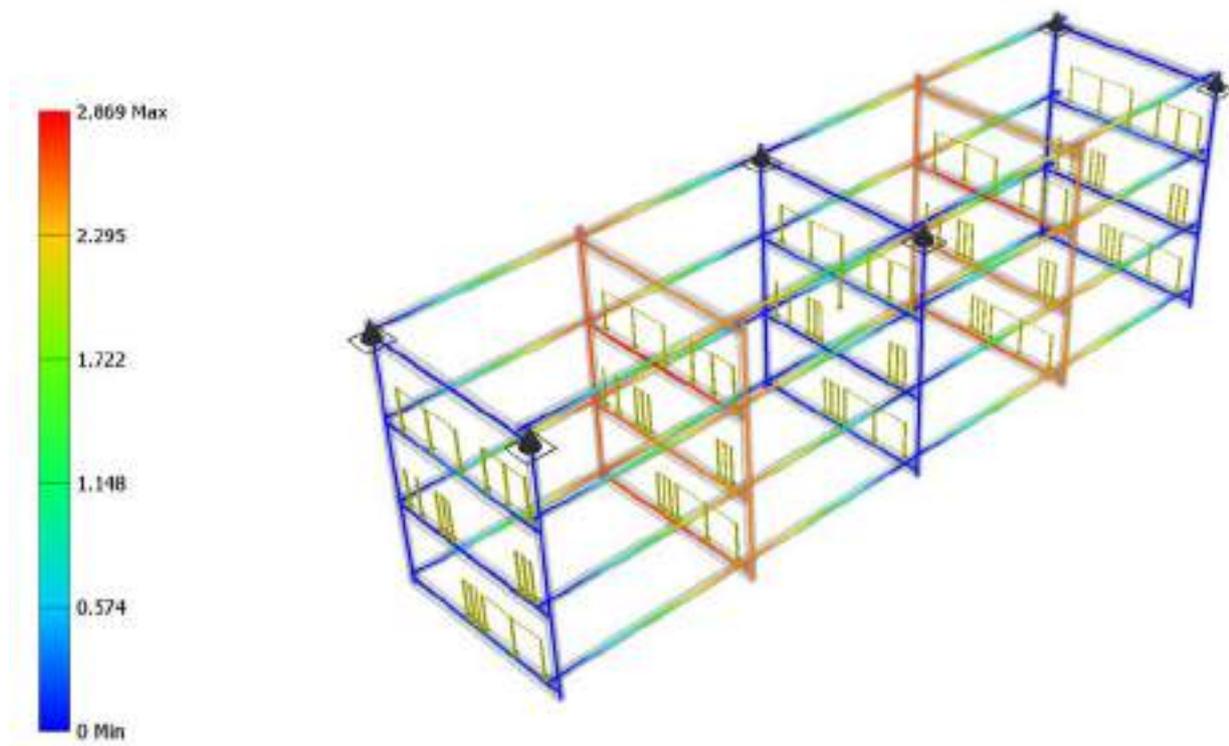
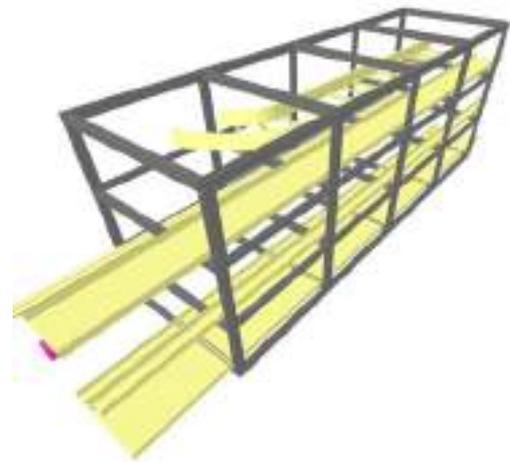


Finite Element Analysis

Atkore Unistrut & Marco's DfMA solutions all undergo Finite Element Analysis, this allows us, the manufacturer and you, the client to understand how the business' deliverable works in the real world.

DfMA has been undertaken by Atkore Unistrut & Marco in the most demanding of projects from major Infrastructure projects through Healthcare to Nuclear where long design life considerations are paramount.

Whilst modelling, constraint and loading on the the designs in an 'as built' or 'as installed' state, the business can eliminate points of failure and ensure that the design is not over engineered but engineered correctly to allow ease of installation and confidence that the solution works through the warranted period and beyond.



Unistrut3D Calculation Tool

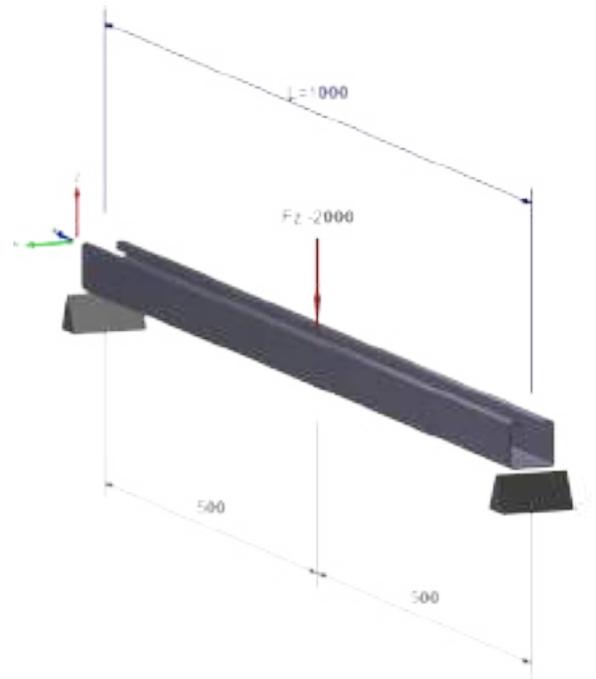
Calculation Tool

The Atkore Unistrut Calculation Tool allows for design calculations aiding bracket design to support technical submissions.

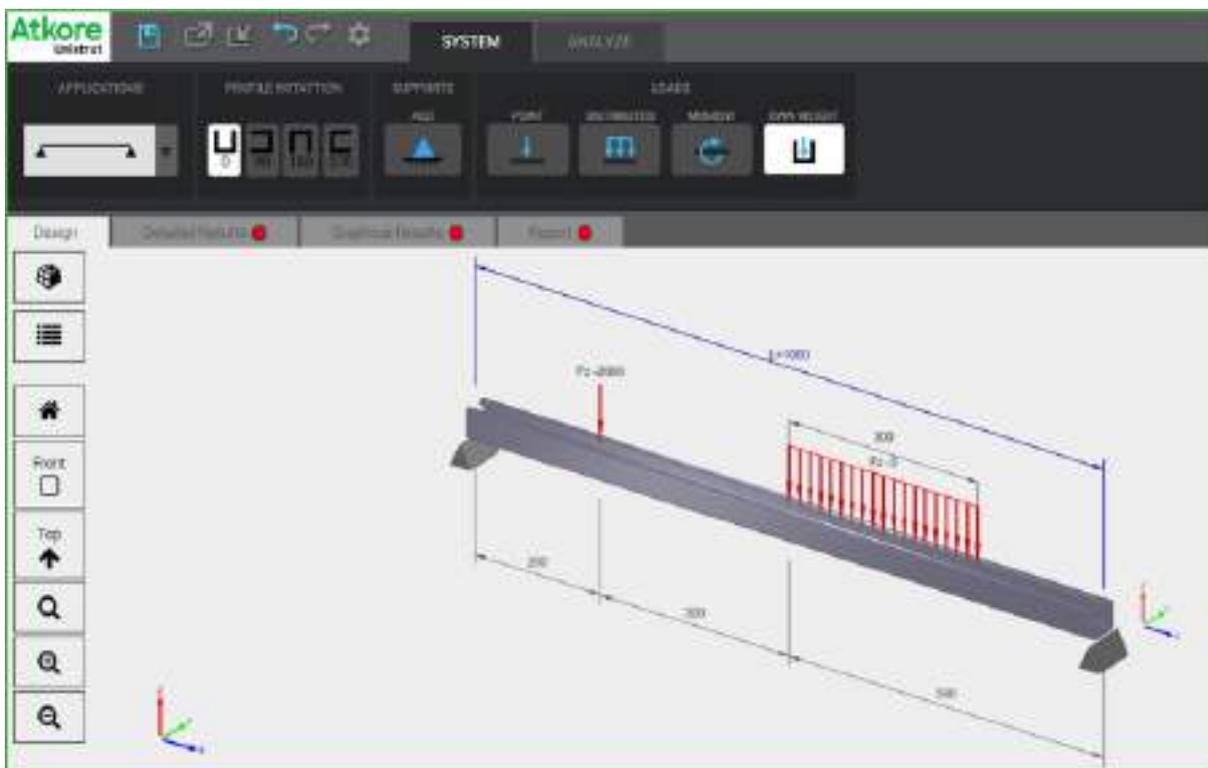
The tool analyses the performance of beams or cantilever brackets when a load is applied.

The calculation tool can calculate point, distributed, moment and omni directional loads to either euro code or other design characteristics.

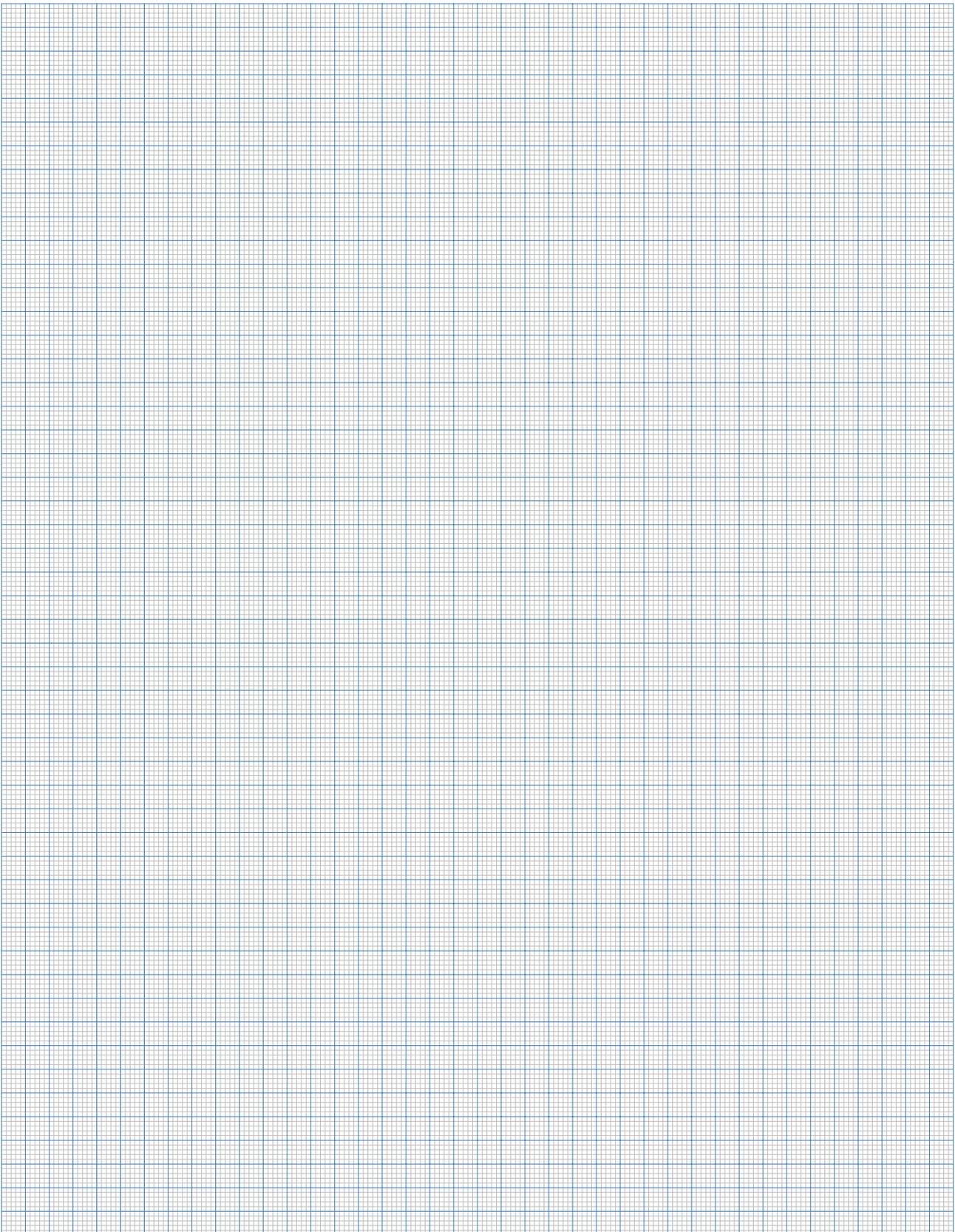
A long form report, heat map and graphical reports can be produced and exported providing instant results.



Scan the QR code to access the Calculation Tool



0.5 cm x 0.5 cm





Atkore Marco Product Catalogue



Atkore[™]
Marco



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Atkore Marco

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ABOUT ATKORE MARCO

Established in 2003, Atkore Marco has a strong reputation within the mechanical and electrical installation sectors as a supplier of high quality, durable and aesthetically-pleasing products that are both adaptable and versatile.

Through the years, the business has invested continuously in its core product range and is now able to offer a one-stop cable management solution made up to suit various specifications with products that meet the needs of almost any contract.

Atkore Marco has remained committed to its customer-first ethos and upholds its core values. Bespoke and modular specifications are welcomed and a highly experienced and knowledgeable team are always on hand to support customers with any queries.

In a sector dominated by European and Asian competitors, working with a UK business offers that all-important contact and communication where relationships are built and a bond is forged. That's why Atkore Marco has grown to become a leading supplier in its field and continues to strengthen its presence.

Quality is imperative to Atkore Marco, and all products are manufactured in accordance with ISO9001 and 14001.



Part of the Atkore Family

Marco is part of the Atkore family, and operates in partnership with Unistrut. By combining both product ranges into a single offering, Atkore Unistrut & Marco can provide a true one-stop service for all cable management and mechanical support needs.

Standards

BS EN 61537:2007, BS EN 50085-1:2005+A1:2013, BS 6701:2016+A1:2017, BS 7671:2018, ISO 45001, EN1090 CE, EN1090 UKCA, E90, ISO 9001, ISO 14001, ISO 11901-1:2003, BS EN 61534, BS EN 50085-2, IEC 6244, BS EN 1403, BS 7371-3, BS 4662, BS 4678-41982. BS EN ISO 2081 and Cenelec (EN 50173 Part 1 / 2, EN 50174-2) ANSI/TIA 568B.



WORKING WITH ATKORE MARCO

Atkore Marco has developed a reputation for industry leading customer service and is always developing new ways to make the installation of products as efficient and cost effective as possible.

In 2014, Atkore Marco introduced the MCSSC Fast-Fix coupler to Steel Wire Cable Tray accessories. The MCSSC consolidated the Fast-Fix accessory range, and all products in this range are designed to ease installation and drastically reduce time spent installing lengths.

In 2017, Marco became part of Atkore, and operates along-side Atkore Unistrut. This partnership has allowed Atkore Marco to develop a stronger line of Pre Fabricated and Modular products, with pre-cut and assembled lengths of the trunking systems which are available in almost any size.

Atkore Unistrut & Marco are proud to have one of the industry's leading customer service teams, always on-hand to advise on project requirements, product information, stock availability, lead times and deliveries.

Atkore Marco also offer technical support and advice on all products, with teams ready to answer any technical questions regarding the product portfolio.

Quality, service and trust are integral to the Atkore Unistrut & Marco business, and these principle have helped the company develop.

BUILDING BETTER TOGETHER



Building Information Modeling

Atkore Marco is now able to offer its uPVC trunking and Steel Wire Cable Tray products as downloadable BIM object files.

Both the uPVC and Steel Wire Cable Tray are available in a single download, with all products included, finding and installing products into a REVIT model much easier.

BIM is an ever-growing initiative, backed by the UK government, to establish new standards within the UK's construction industries. The BIM process is intended to involve all parties during the design and management phases of a project, by enabling contractors and designers to list all objects required for the build in a digital model.

As manufacturers, Atkore Unistrut & Marco are always looking for ways to meet its customers' demands, and new initiatives will see BIM being used more and more as the UK Government moves to make it the standard practice for all their new builds.

All BIM files are available from the Atkore Marco website!

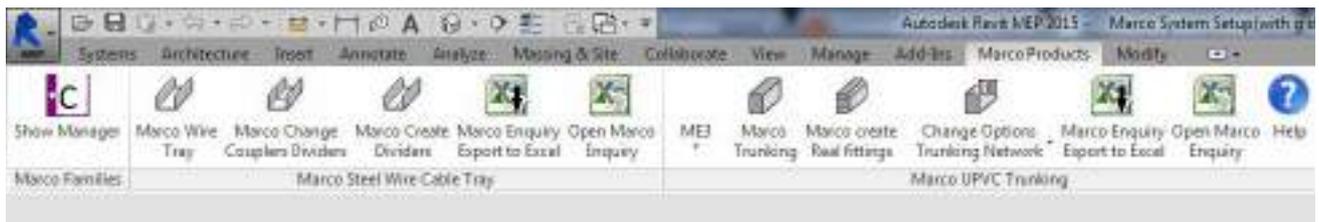


Industry-leading products, Industry-leading customer service.

Atkore Marco is committed to providing an unparalleled customer service, with dedicated account managers, always on hand to answer any queries or questions. Atkore Unistrut & Marco's sales team is fully trained in all products and are able to offer guidance and advice to aid any query.

Work-flow and Commands

After the add-in has been installed, the REVIT ribbon bar will contain a Marco tab where Atkore Marco products can be selected.



Autodesk REVIT

BIM objects are designed for use with the Autodesk REVIT software.



Installation Guides

A how-to guide is included with all of our BIM downloads. Additionally if further support is required our staff are always on hand to help.



Quick & Easy Quotation

BIM downloads allow you to produce an automatic bill of quantities, ensuring an easier and quicker quote turnaround.



Instant Enquiries

Export objects direct to a predefined template, which open directly into Excel.

Project Specification

Full Project Support from Atkore Marco

Atkore Marco continues to consolidate the position as a top supplier of cable containment to a wide range of industries. Over the years the business has supplied its products to a number of jobs which has required strict specification guidelines to be met. Atkore Marco is proud to offer a versatile range of products which is not only capable of meeting one of the projects specifications, but in many cases, supply the entire project.

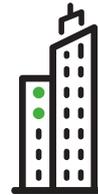
Many of Atkore Marco's products are designed to suit specification requirements, with additional features such as **Anti-Microbial** protection, **DDA compliance**, and **Pre-Cut Lengths** for projects with repeating specifications.



Education



Healthcare



Commercial



Notable Projects

Atkore Marco has supplied a number of notable projects all across the UK and Ireland, including:

Education

- Swansea University
- Port Glasgow Academy
- Furness Academy
- Digitech Studio School - Bristol
- Eden Boys School - Birmingham
- Statistics Building - Oxford
- Aberystwyth University
- Gloucester University

Healthcare

- South Glasgow Hospital
- Morriston Hospital - Swansea
- Dumfries Hospital
- Guy's & Thomas Hospital - London
- Alder Hey Hospital - Liverpool
- Ayrshire Hospital - Irvine
- Royal Liverpool
- Bristol Royal Infirmary

Commercial

- Glasgow Theatre
- Chester Zoo Islands exhibit
- Manchester City Training Ground
- Dyson HQ - Malmesbury
- Heathrow Terminal - London
- 'Walkie Talkie' Building - London
- 'The Shard' - London
- Olympic Village - London

Atkore Marco's Hygieia

Anti-Microbial Protection System

Atkore Marco's uPVC trunking systems are available with Atkore Marco's built-in hygieia protection.

Atkore Marco's Hygieia is a built in protective element, which is incorporated into the uPVC compound during manufacture. The Hygieia compound utilises a silver ion technology, providing anti-microbial protection throughout, creating a defence against 99.9% of harmful bacteria growth.

This protects against and prevents the growth of, bacteria, fungi, mildew and moulds, including:

- MRSA
- E-Coli
- Klebsiella Pneumoniae
- Streptococci

Due to the Hygieia element being incorporated into the PVC during manufacture, and therefore an integral part of the trunking, Atkore Marco can ensure there is no degradation of performance during use, even if the trunking becomes scratched or damaged, even years after initial installation.

All Hygieia products are tested in accordance with ISO22196:2011, which specifies the method of evaluating the antibacterial activity of treated plastic products and is in compliance with all relevant European regulations.

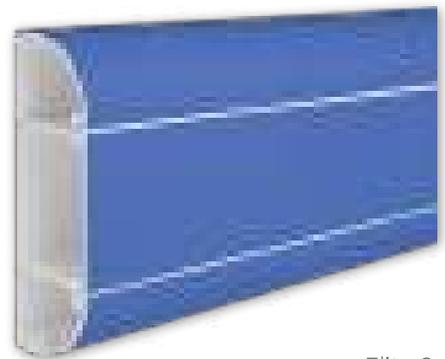
All Atkore Marco products supplied with Hygieia protection are packaged in a blue protective film, to protect and differentiate it from standard uPVC products.



Anti-Microbial



Apollo 3



Elite 3

Blue film for identifying product only, must be removed after installation



DDA & Part M Compliance

Building Regulation Support from Atkore Marco

All of the uPVC products are designed to be able to achieve full DDA compliance when required.

The Part M building regulations, 2000, amendment for the 'Access and use of Buildings' document outlines various regulations, including the Disability Discrimination Act of 2005, which is designed to assist those with visual impairments in public buildings.

Atkore Marco is able to supply DDA compliant uPVC trunking products, using contrasting lids and plates. The use of contrasting colours allows the visually impaired to differentiate between the trunking body, and the potentially hazardous electricity outlets.

- Trunking systems in three different colours, which can be mixed and matched to create full DDA compliance. Full DDA compliant specification can be supplied throughout the quoting process
- A range of DDA socket plates covering the socket boxes to create a coloured frame around the socket
- Trunking systems are available in White, Light grey and Charcoal, and DDA plates are available in Light Grey, Charcoal and Blue



DDA & Part M



Light Grey, Charcoal and Blue Socket plates provide DDA & PART-M compliance throughout.



The centre lids used on trunking are universal, and as a result, DDA compliance is attainable on all commercial trunking systems.

Pre Fabricated Cable Management Solutions

In an effort to expand and consolidate service delivery, Atkore Marco offer bespoke trunking solutions as part of the Pre Fabricated and Modular services.

A wide range of uPVC trunking products are available, in a number of sizes to suit any application. Each assembly is supplied as a complete unit, and feature all of the signature product benefits, including prepunched knockouts on the trunking base, and necessary cable segregation throughout.

Atkore Marco is always looking for new ways to make the products and services as fast and as cost effective as possible, and pre-assembled uPVC units are just one time saving solution the business have on offer.

Pre Fabricated uPVC units are the perfect solution for projects in a number of sectors.



Features:



Hygiene Protection

Pre-assembled units are also available with anti-microbial protection, helping defend against 99.9% of harmful bacteria.



Time Saver

Pre-assembled units are primarily designed to save time, cost and reduce excess waste. Each unit is supplied complete and ready to install.



Portable Modular Buildings

Pre-assembled uPVC units are also an ideal solution for housing power and data cables within modular buildings, allowing for flexibility in the buildings design.



Sustainability

Pre-assembly ensures that no product ends up as excess waste on site due to each length being supplied bespoke to the exact measurements and design required.

Sectors

Education & Healthcare Sector



Education

Education remains a mainstay of the Atkore Marco business, as government investment into new infrastructure and the refurbishment of existing education facilities continues.

Pre-assembled trunking systems are the perfect solution for projects all the way up the education sector, from new build modular classroom's up to University halls.



Healthcare

Atkore Marco offers quality products and bespoke solutions to the UK's health sector. The businesses Anti-Microbial products have been trusted to provide peace of mind on medical installations for over 10 years.

Pre Fabricated units are also a great solution for multiple specifications within the healthcare sector, these can include hospital wards to rooms in residential care homes.



Pre Fabricated Bench Trunking

Atkore Marco also supply Bench Trunking in Pre Fabricated units. These bespoke lengths can be manufactured to suit any installation requirement.



uPVC Perimeter Trunking Systems

Power & Data solutions by
Atkore Marco



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3 Compartment Trunking

175 x 60mm

Atkore Marco Elite 3 trunking system offers an innovative design solution for the growing data-cabling market. At 175 x 60mm, the symmetrical curved design allows for the installation of power and high-density structured cabling systems including CAT5E, CAT6, CAT6A and CAT7 solutions.

Elite Range



Key Features



3 Compartment

Elite 3 has been designed to comply with the latest structured cabling solutions on the market. Top and bottom compartments complement a larger centre compartment which can facilitate socket mounting accessories.



Hygieia Protection

Elite 3 is available with Atkore Marco's Hygieia anti-microbial protection. Defending against 99.9% of harmful bacteria.



175 x 60mm Profile

Elite 3's profile allows for ample data and power cabling to be supplied. The curved design prevents dust trapping and provides a more aesthetically pleasing finish.



DDA & Part M

Elite 3 is also able to comply to both DDA and Part M specifications, using either contrasting centre lids or coloured socket plates.



CAT6, CAT6A & CAT7

Elite 3 meets the latest structured cabling solutions by offering a 50mm bend radius on all Elite accessories.



BIM Download

Elite 3 BIM objects are available as part of the uPVC BIM download on the website.

Elite systems meet and exceed the requirements for BS 6701:2016+A1:2017, BS 4678 Pt 4, BS 7671, ISO 11901-1:2003 and Cenelec (EN 50173 Part 1 / 2, EN 50174-2) standards.

Elite 3

3 Compartment Trunking

Elite 3

Elite 3 is designed to suit all types of installation environments. It is made from the highest quality uPVC compound, providing its signature pure white finish. At 175 x 60mm Elite 3 is able to accommodate CAT6 and CAT6A cables, making it a perfect fit for any modern installation.

Elite 3 is available in three colours, pure white, light grey and charcoal.

| CODE | DESCRIPTION | LENGTH | PACK QTY |
|-------|----------------------|--------|----------|
| ME3 | Elite 3 - Pure White | 3m | 2 x 3m |
| ME3LG | Elite 3 - Light Grey | 3m | 2 x 3m |
| ME3CH | Elite 3 - Charcoal | 3m | 2 x 3m |

Elite 3 - DDA

Elite trunking is also able to accommodate DDA Part M requirements, via the use of a light grey or charcoal centre lid.



| CODE | DESCRIPTION | LENGTH | PACK QTY |
|--------|--|--------|----------|
| ME3LGL | Elite 3 - Pure White with Light Grey Lid | 3m | 2 x 3m |
| ME3CHL | Elite 3 - Pure White with Charcoal Lid | 3m | 2 x 3m |

Elite 3 - Hygieia

Elite 3 is available with Hygieia, offering anti-microbial protection against 99.9% of harmful bacteria. The anti-microbial compound forms an integral part of the trunking, meaning there is no loss of performance if the trunking becomes scratched or damaged. All of Elite's additional components are also available with anti-microbial protection.

Elite Hygieia is supplied with a protective blue film for extra protection during transit and installation.

| CODE | DESCRIPTION | LENGTH | PACK QTY |
|----------|--|--------|----------|
| ME3AM | Elite 3 - Pure White with Anti-Microbial | 3m | 2 x 3m |
| ME3AMLGL | Elite 3 - Light Grey Lid with Anti-Microbial | 3m | 2 x 3m |
| ME3AMCHL | Elite 3 - Charcoal Lid Anti-Microbial | 3m | 2 x 3m |

Minimum order quantities apply to Charcoal Anti-Microbial

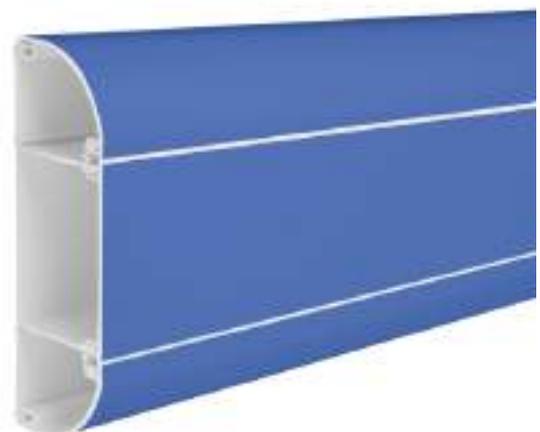
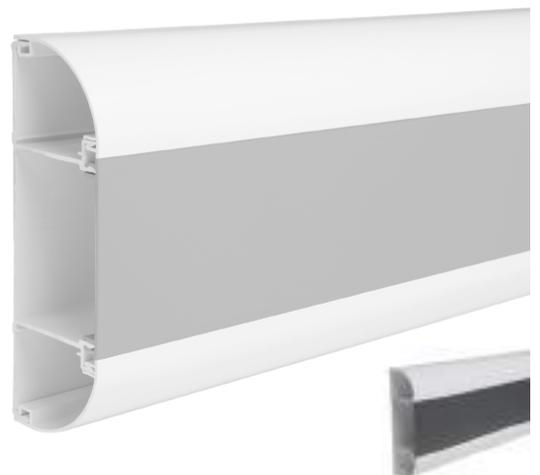


Illustration purposes only, protective blue film to be removed during installation.

3 Compartment Trunking

Elite Range

Flat Angle



| Product Information | |
|---------------------|----------------|
| Code | ME3F |
| Dimensions (mm) | 254 x 254 x 62 |
| Pack Qty | 1 |

Available Colours

Two-piece moulded flat angle with built in data guides retaining CAT6, CAT6A and CAT7 compliance. Flat overlaps trunking lids, with no needs for joint covers.

Flat Tee



| Product Information | |
|---------------------|----------------|
| Code | ME3T |
| Dimensions (mm) | 326 x 253 x 62 |
| Pack Qty | 1 |

Available Colours

Moulded flat tee with two sets of data guides to maintain 50mm bend radius for CAT6, CAT6A and CAT7 compliance. Tee overlaps trunking lids, with no need for joint covers.

Internal Angle



| Product Information | |
|---------------------|--------------------|
| Code | ME3I |
| Dimensions (mm) | 179.5 x 134 x 134* |
| Pack Qty | 1 |

Available Colours

Moulded internal angle with an adjustable design allowing for a variance of +/- 5° accommodating walls without true 90° bend. Angles have 50mm bend radius to comply with CAT6, CAT6A & CAT7.

* Indicates Height and Width before movement

External Angle



| Product Information | |
|---------------------|------------------------|
| Code | ME3E |
| Dimensions (mm) | 179.5 x 104.5 x 104.5* |
| Pack Qty | 1 |

Available Colours

Moulded external angle with an adjustable design, allowing for a variance of +/- 5° accommodating walls without a true 90° bend. Angles have 50mm bend radius to comply with CAT6, CAT6A & CAT7.

* Indicates Height and Width before movement

Internal Angle - Fixed 45°



| Product Information | |
|---------------------|----------|
| Code | ME3I-135 |
| Pack Qty | 1 |

Available Colours

Pre Fabricated fixed internal angle for Elite 3, designed for use on walls with a 45° in-facing bend. Supplied as individual units and requires 2 joint covers.

Additional joint covers (ME3J x 2) required when fitting.

External Angle - Fixed 45°



| Product Information | |
|---------------------|----------|
| Code | ME3E-135 |
| Pack Qty | 1 |

Available Colours

Pre Fabricated fixed external angle for Elite 3, designed for use on walls with a 45° out-facing bend. Supplied as individual units and requires 2 joint covers.

Additional joint covers (ME3J x 2) required when fitting.

Available Colours:

Standard White Light Grey. Add LG to product code Charcoal. Add CH to product code

Elite 3 Accessories

3 Compartment Trunking

End Covers



| Product Information | |
|---------------------|-----------------|
| Code | ME3C |
| Dimensions (mm) | 176.5 x 62 x 12 |
| Pack Qty | 2 |

Available Colours

Curved end covers matching trunking profile, supplied in packs of two.

Joint Covers



| Product Information | |
|---------------------|-----------------|
| Code | ME3J |
| Width (mm) | 179.5 x 62 x 33 |
| Pack Qty | 5 |

Available Colours

Joint covers with easy clip-in mechanism for faster fitting. Supplied in packs of five.

External Angle Screening Divider



| Product Information | |
|---------------------|--------|
| Code | ME3SDE |
| Pack Qty | 1 |

Clip in screening divider for Elite 3 external angles. Meets BS EN 50174-2 for power and data separation.

Steel Strip Screening Divider



| Product Information | |
|---------------------|----------|
| Code | ME3SD |
| Pack Qty | 4 x 1.5m |

Slide-in screening divider for Elite 3. Meets BS EN 50174-2 for power and data separation. Divider has same prepunched knockouts as internal walls. Supplied in 1.5m.

Take-Off Adapter



| Product Information | |
|---------------------|--------------|
| Code | ME3TOA |
| Dimensions (mm) | 92 x 62 x 61 |
| Pack Qty | 1 |

Available Colours

Take off adaptor for Atkore Marco Mini trunking. Supports 16 x 16mm, 16 x 25mm, and 25 x 38mm sizes. Can also accept 20 & 25mm PVC conduit.

Elite 3 Accessory Boxes

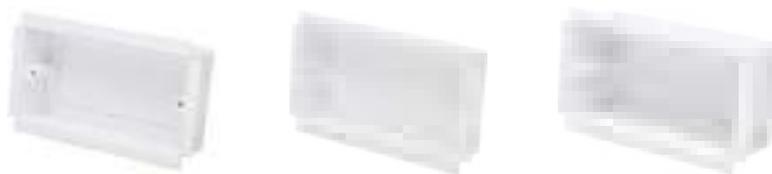
3 Compartment Trunking

1-Gang Socket Boxes



| Product Information | 35mm 1-Gang Socket Box | 35mm 1-Gang Socket Box, 4 Pillar | 25mm 1-Gang Socket Box | 25mm 1-Gang Socket Box, 4 Pillar | 50mm 1-Gang Socket Box |
|---------------------|------------------------|----------------------------------|------------------------|----------------------------------|------------------------|
| Code | MTSB1 | MTSB1-4 | MTSB1-25 | MTSB1-25-4 | MTSB1-50 |
| Depth (mm) | 35 | 35 | 25 | 25 | 50 |
| No. of Pillars | 2 | 4 | 2 | 4 | 2 |
| Pack Qty | 10 | 10 | 10 | 10 | 10 |

2-Gang Socket Boxes



| Product Information | 35mm 2-Gang Socket Box | 25mm 2-Gang Socket Box | 50mm 2-Gang Socket Box |
|---------------------|------------------------|------------------------|------------------------|
| Code | MTSB2 | MTSB2-25 | MTSB2-50 |
| Depth (mm) | 35 | 25 | 50 |
| No. of Pillars | 2 | 2 | 2 |
| Pack Qty | 10 | 10 | 10 |

1 & 2-Gang Socket Frames



| Product Information | 1-gang socket mounting frame | 2-gang socket mounting frame |
|---------------------|------------------------------|------------------------------|
| Code | MTSB1-F | MTSB2-F |
| Depth (mm) | N/A | N/A |
| No. of Pillars | 4 | 2 |
| Pack Qty | 10 | 10 |

Elite 3 Universal Accessories

3 Compartment Trunking

Accessory Spacer



| Product Information | |
|---------------------|---------|
| Code | MTLS |
| Dimensions (mm) | 87 x 60 |
| Pack Qty | 10 |

Available Colours

Single unit accessory spacer. Fits on to centre compartment using the same quick snap-on system as centre lid.

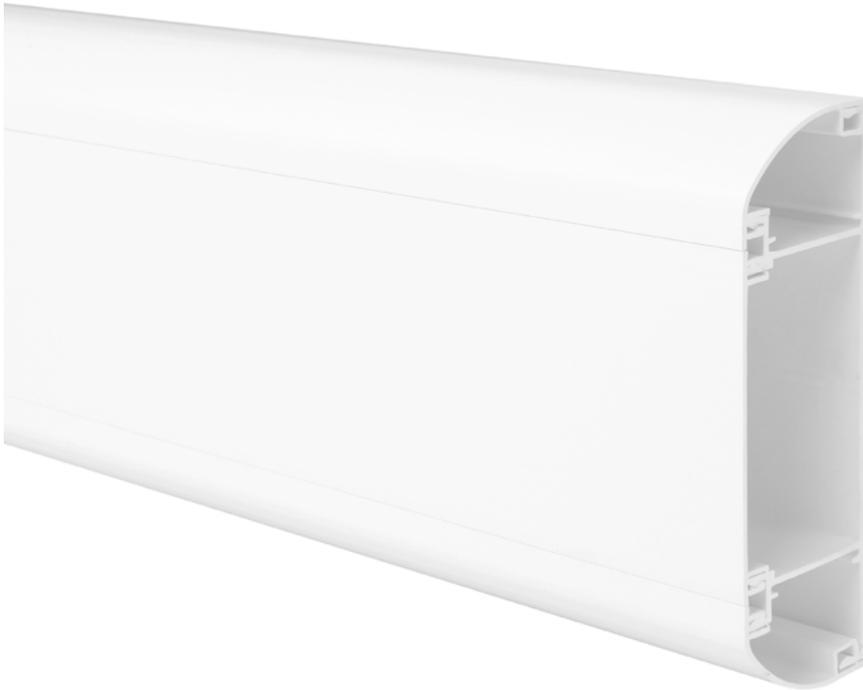
RCD/MCB DIN Rail Housing Kit



| Product Information | |
|---------------------|---------|
| Code | ME3RCDH |
| Pack Qty | 1 |

Includes: Hinged Cover, Mounting Frame and Mounting Bracket. Locking mechanism also available.

Manufactured from the same high quality materials as Elite 3, Elite Compact offers all the same benefits and features of Elite 3, condensed into a smaller 145 x 50mm profile. Elite Compact is designed to carry large numbers of power and data cables, with a smaller profile which can be installed in locations where space is limited or when a smaller form-factor is desired. Elite Compact is able to support structured cabling systems including CAT5E, CAT6, CAT6A and CAT7 solutions.



Key Features



3 Compartment

Elite Compact is a 3 compartment system, designed to provide the maximum in carrying capacity, whilst retaining a smaller aesthetic.



Hygieia Protection

Elite Compact is available with Hygieia anti-microbial protection, keeping the spread of bacteria in all environments to a minimum.



145 x 50mm Profile

Despite its small size, Elite Compact's design allows it to house a large number of cables in both its top and bottom compartments, as well as having a full sized centre compartment to house accessories.



DDA & Part M

Elite Compact is available with DDA and Part M specifications, including contrasting centre lid and a range of coloured accessory plates.



CAT6 & CAT7 Compliance

Elite Compact meets the latest structured cabling solutions by offering required bend radius on all fittings and accessories.



BIM Download

Elite Compact BIM objects are available as part of the uPVC BIM download on the website.

Elite systems meet and exceed the requirements for BS 6701:2016+A1:2017, BS 4678 Pt 4, BS 7671, ISO 11901-1:2003 and Cenelec (EN 50173 Part 1 / 2, EN 50174-2) standards.

Elite Compact

3 Compartment Trunking

The smallest in Elite range, Compact offers all the benefits of larger Elite products, packed into its 145 x 50mm profile. Manufactured from the same high quality uPVC compound, Elite Compact has the same signature pure white finish as other trunking.

Elite Compact's design makes it perfect for housing structured cabling and comes CAT6 & CAT6A compliant as standard. Elite Compact is available in three colours, Pure White, Light Grey and Charcoal.

| CODE | DESCRIPTION | LENGTH | PACK QTY |
|--------|----------------------------|--------|----------|
| MEC3 | Elite Compact - Pure White | 3M | 2 x 3M |
| MEC3LG | Elite Compact - Light Grey | 3M | 2 x 3M |
| MEC3CH | Elite Compact - Charcoal | 3M | 2 x 3M |

Elite Compact - DDA

Elite Compact trunking is also able to accommodate DDA requirements, using a light grey or charcoal centre lid.



| CODE | DESCRIPTION | LENGTH | PACK QTY |
|---------|--|--------|----------|
| MEC3LGL | Elite Compact - Pure White with Light Grey Lid | 3m | 2 x 3m |
| MEC3CHL | Elite Compact - Pure White with Charcoal Lid | 3m | 2 x 3m |

Elite Compact - Hygieia

Elite Compact is available with Hygieia protection, defending against 99.9% of harmful bacteria. The anti-microbial compound forms an integral part of the trunking, meaning there is no loss of performance if the trunking becomes scratched or damaged.

All of Compact's additional components are also available with anti-microbial protection.

Atkore Marco's Hygieia trunking is supplied with a protective blue film for extra protection during transit and installation.

| CODE | DESCRIPTION | LENGTH | PACK QTY |
|-----------|--|--------|----------|
| MEC3AM | Elite Compact - Pure White with Anti-Microbial | 3m | 2 x 3m |
| MEC3AMLGL | Elite Compact - Light Grey Lid with Anti-Microbial | 3m | 2 x 3m |
| MEC3AMCHL | Elite Compact - Charcoal Lid with Anti Microbial | 3m | 2 x 3m |



Illustration purposes only, protective blue film to be removed during installation.

Minimum order quantities apply to Charcoal Anti-Microbial.

Elite Compact - Accessories

3 Compartment Trunking

Flat Angle



| Product Information | |
|---------------------|----------------|
| Code | MEC3F |
| Dimensions (mm) | 224 x 224 x 52 |
| Pack Qty | 1 |

Available Colours

Two-piece moulded flat angle for Elite Compact with built in data guides retaining **CAT6**, **CAT6A** and **CAT7** compliance. Flat overlaps trunking lids, with no needs for joint covers.

Flat Tee



| Product Information | |
|---------------------|------------------|
| Code | MEC3T |
| Dimensions (mm) | 293 x 222.5 x 52 |
| Pack Qty | 1 |

Available Colours

Moulded flat tee for Elite Compact with two sets of data guides to maintain 50mm bend radius for **CAT6**, **CAT6A** and **CAT7** compliance. Tee overlaps trunking lids, with no need for joint covers.

Internal Angle



| Product Information | |
|---------------------|--------------------|
| Code | MEC3I |
| Dimensions (mm) | 125 x 125 x 149.5* |
| Pack Qty | 1 |

Available Colours

Moulded internal angle with an adjustable design allowing for a variance of +/- 5° accommodating walls without true 90° bend. Angles have 50mm bend radius to comply with **CAT6** and **CAT7**.

* Indicates Height and Width before movement

External Angle



| Product Information | |
|---------------------|----------------|
| Code | MEC3E |
| Dimensions (mm) | 92 x 92 x 150* |
| Pack Qty | 1 |

Available Colours

Moulded external angle with an adjustable design, allowing for a variance of +/- 5° accommodating walls without a true 90° bend. Angles have 50mm bend radius to comply with **CAT6** and **CAT7**.

* Indicates Height and Width before movement

Internal Angle - Fixed 45°



| Product Information | |
|---------------------|-----------|
| Code | MEC3I-135 |
| Pack Qty | 1 |

Available Colours

Pre Fabricated fixed internal angle for Elite Compact, designed for use on walls with a 45° in-facing bend. Supplied as individual units and requires 2 joint covers. **Additional joint covers (MEC3J x 2) required when fitting.**

External Angle - Fixed 45°



| Product Information | |
|---------------------|-----------|
| Code | MEC3E-135 |
| Pack Qty | 1 |

Available Colours

Pre Fabricated fixed external angle for Elite Compact, designed for use on walls with a 45° out-facing bend. Supplied as individual units and requires 2 joint covers. **Additional joint covers (MEC3J x 2) required when fitting.**

Elite Compact - Accessories

3 Compartment Trunking

End Covers



| Product Information | |
|---------------------|-----------------|
| Code | MEC3C |
| Dimensions (mm) | 149.5 x 52 x 12 |
| Pack Qty | 2 |

Available Colours

Curved end covers matching trunking profile, supplied in packs of two.

Joint Covers



| Product Information | |
|---------------------|-----------------|
| Code | MEC3J |
| Width (mm) | 149.5 x 52 x 33 |
| Pack Qty | 5 |

Available Colours

Joint covers with easy clip-in mechanism for faster fitting. Supplied in packs of five.

External Angle Screening Divider



| Product Information | |
|---------------------|---------|
| Code | MEC3SDE |
| Pack Qty | 1 |

Clip in screening divider for Elite Compact external angles. Meets BS EN 50174-2 for power and data separation.

Steel Strip Screening Divider



| Product Information | |
|---------------------|----------|
| Code | MEC3SD |
| Pack Qty | 4 x 1.5m |

Slide-in screening divider for Elite compact. Meets BS EN 50174-2 for power and data separation. Divider has same prepunched knock outs as internal walls. Supplied in 1.5m.

Take-Off Adapter



| Product Information | |
|---------------------|--------------|
| Code | MEC3TOA |
| Dimensions (mm) | 92 x 52 x 46 |
| Pack Qty | 1 |

Available Colours

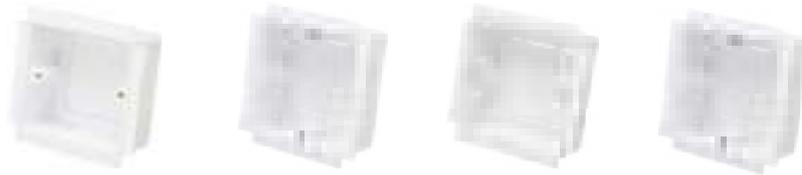
Take off adaptor for Mini trunking. Supports 16 x 16mm, 16 x 25mm, and 25 x 38mm sizes. Can also accept 20 & 25mm PVC conduit.

Available Colours:

Standard White Light Grey. Add LG to product code Charcoal. Add CH to product code

3 Compartment Trunking

1-Gang Socket Boxes



| Product Information | 35mm 1-Gang Socket Box | 35mm 1-Gang Socket Box, 4 Pillar | 25mm 1-Gang Socket Box | 25mm 1-Gang Socket Box, 4 Pillar |
|---------------------|------------------------|----------------------------------|------------------------|----------------------------------|
| Code | MTSB1 | MTSB1-4 | MTSB1-25 | MTSB1-25-4 |
| Depth (mm) | 35 | 35 | 25 | 25 |
| No. of Pillars | 2 | 4 | 2 | 4 |
| Pack Qty | 10 | 10 | 10 | 10 |

2-Gang Socket Boxes



| Product Information | 35mm 2-Gang Socket Box | 25mm 2-Gang Socket Box |
|---------------------|------------------------|------------------------|
| Code | MTSB2 | MTSB2-25 |
| Depth (mm) | 35 | 25 |
| No. of Pillars | 2 | 2 |
| Pack Qty | 10 | 10 |

1 & 2-Gang Socket Frames



| Product Information | 1-gang socket mounting frame | 2-gang socket mounting frame |
|---------------------|------------------------------|------------------------------|
| Code | MTSB1-F | MTSB2-F |
| Depth (mm) | N/A | N/A |
| No. of Pillars | 4 | 2 |
| Pack Qty | 10 | 10 |

Universal Accessories

3 Compartment Trunking

Accessory Spacer



| Product Information | |
|---------------------|---------|
| Code | MTLS |
| Dimensions (mm) | 87 x 60 |
| Pack Qty | 10 |

Available Colours

Single unit accessory spacer. Fits on to centre compartment using the same quick snap-on system as centre lid.

RCD/MCB DIN Rail Housing Kit



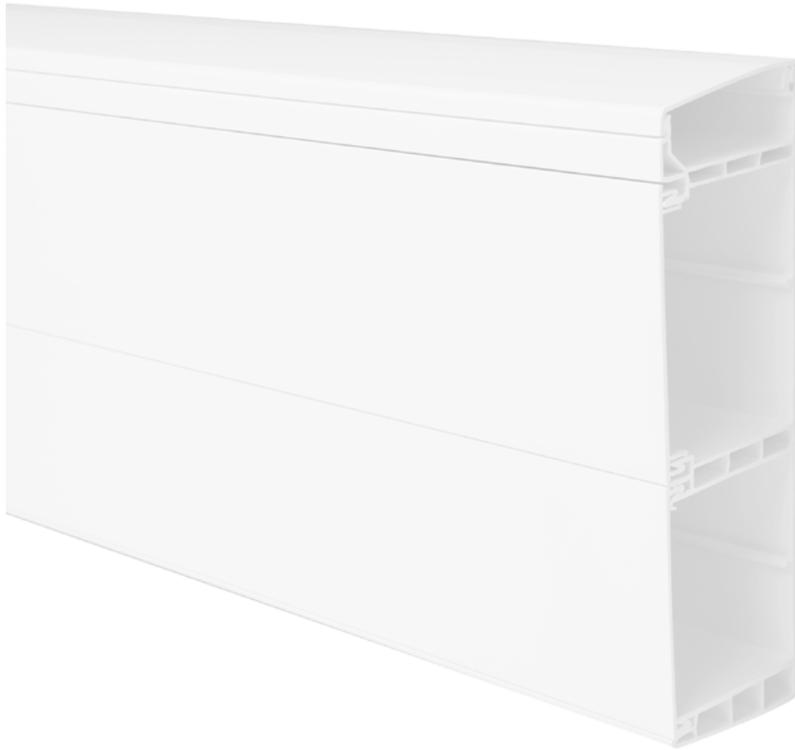
| Product Information | |
|---------------------|----------|
| Code | MEC3RCDH |
| Pack Qty | 1 |

Includes: Hinged Cover, Mounting Frame and Mounting Bracket. Locking mechanism also available.

Data Trunking

With its 200 x 63mm profile, Elite 60 is the largest trunking available in the Elite range. Able to accommodate a large amount of CAT5E and CAT6/CAT6A cables, Elite 60 has been designed from the ground up to serve as a perfect fit for installations which require a high capacity containment solution. Elite 60 can support structured cabling systems up to CAT7.

Elite Range



Key Features



200 x 63mm Profile

The largest trunking in the Elite range, Elite 60 is able to carry more CAT6 cables than any other trunking. Designed for installations where there is a heavy reliance on power and data cabling.



DDA & Part M

Elite 60 is able to become completely DDA compliant, using contrasting centre lid or coloured socket plates.



2 Compartment

2 Compartment as standard, Elite 60 can be sub-divided into a total of 4 compartments for complex wiring systems.



BIM Download

Elite 60 BIM objects are available as part of the uPVC BIM download on the website.



CAT6, CAT6A & CAT7

All of the Elite range have been designed to accommodate CAT6 & CAT7, none more-so than Elite 60, which has two large capacity compartments as well as a removable top lid.

Elite systems meet and exceed the requirements for BS 6701:2016+A1:2017, BS 4678 Pt 4, BS 7671, ISO 11901-1:2003 and Cenelec (EN 50173 Part 1 / 2, EN 50174-2) standards.

Elite 60

Data Trunking

Elite 60

Elite 60 is the largest capacity trunking in the Elite range, allowing for a greater number of cables to be installed.

Elite 60 comes with a unique top opening lid, allowing cables to be installed easily and speedily. Should additional cable segregation be required, further capacity can be achieved through the use of clip-in dividers, able to take the trunking up to 4 compartments if required.

| CODE | DESCRIPTION | LENGTH | PACK QTY |
|------|-----------------------|--------|----------|
| MT60 | Elite 60 - Pure White | 3M | 2 x 3M |



Elite Range

Elite 60 - DDA

DDA compliance is attainable using Elite 60 in conjunction with contrasting centre lids or through the use of our coloured socket plates. Elite 60's high capacity and DDA compliance make it a perfect fit for schools or public buildings.



| CODE | DESCRIPTION | LENGTH | PACK QTY |
|---------|--|--------|----------|
| MT60LGL | Elite 60 - Pure White & Light Grey Lid | 3m | 2 x 3m |
| MT60CHL | Elite 60 - Pure White & Charcoal Lid | 3m | 2 x 3m |

Data Trunking

Elite Range

Flat Angle - Up



| Product Information | |
|---------------------|----------------|
| Code | MT60FU |
| Dimensions (mm) | 235 x 235 x 63 |
| Pack Qty | 1 |

Available Colours

Pre Fabricated upward mitred flat angle provided with a minimum 50mm bend radius.
Additional joint covers (MT60J x 2) required when fitting.

Flat Tee - Up



| Product Information | |
|---------------------|----------------|
| Code | MT60T |
| Dimensions (mm) | 330 x 240 x 63 |
| Pack Qty | 1 |

Available Colours

Pre Fabricated upward flat tee junction. Each is supplied with a minimum 50mm bend radius.
Additional joint covers (MT60J x 3) required when fitting.

Flat Angle - Down



| Product Information | |
|---------------------|----------------|
| Code | MT60FD |
| Dimensions (mm) | 235 x 235 x 63 |
| Pack Qty | 1 |

Available Colours

Pre Fabricated downward mitred flat angle provided with a minimum 50mm bend radius.
Additional joint covers (MT60J x 2) required when fitting.

Flat Tee - Down



| Product Information | |
|---------------------|----------------|
| Code | MT60TD |
| Dimensions (mm) | 330 x 240 x 63 |
| Pack Qty | 1 |

Available Colours

Pre Fabricated downward flat tee junction. Each is supplied with a minimum 50mm bend radius.
Additional joint covers (MT60J x 3) required when fitting.

Internal Angle



| Product Information | |
|---------------------|-----------------|
| Code | MT60I |
| Height (mm) | 136 x 136 x 204 |
| Pack Qty | 1 |

Moulded internal angle for Elite 60, designed for use on walls with a 90° in-facing bend. Supplied as individual units.

Available Colours: (Lid Only)

Standard White Light Grey. Add LG to product code Charcoal. Add CH to product code

Alternative colours only available on Flat Angles and Flat Tee Lids.

External Angle



| Product Information | |
|---------------------|---------------|
| Code | MT60E |
| Height (mm) | 88 x 88 x 204 |
| Pack Qty | 1 |

Moulded external angle for Elite 60, designed for use on walls with a 90° out-facing bend. Supplied as individual units.

Elite 60 - Accessories

Data Trunking

End Covers



| Product Information | LEFT | RIGHT |
|---------------------|----------------|--------|
| Code | MT60CL | MT60CR |
| Height (mm) | 2 04 x 67 x 12 | |
| Pack Qty | 2 | |

Moulded end covers, designed to match the profile of the trunking. Due to Elite 60's shape, end caps are supplied in left and right-handed variants.

Joint Covers



| Product Information | |
|---------------------|---------------|
| Code | MT60J |
| Width (mm) | 204 x 67 x 30 |
| Pack Qty | 5 |

Moulded joint covers with an easy clip in mechanism for faster installation. Supplied in packs of five.

External Angle Screening Divider



| Product Information | |
|---------------------|---------|
| Code | MT60SDE |
| Pack Qty | 1 |

Elite clip-in screening divider for external angles. Meets BSEN50174-2 for power and data separation

Steel Strip Screening Divider



| Product Information | |
|---------------------|----------|
| Code | MT60SD |
| Pack Qty | 4 x 1.5m |

Slide-in screening divider for Elite 60. Supplied in 1.5m lengths.

Elite 60 - Accessory Boxes

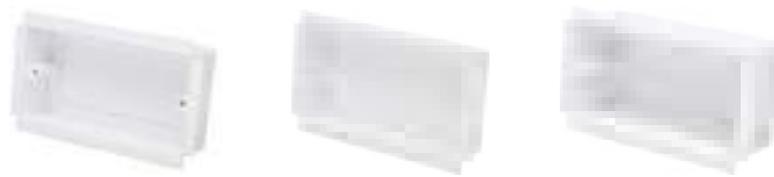
Data Trunking

1-Gang Socket Boxes



| Product Information | 35mm 1-Gang Socket Box | 35mm 1-Gang Socket Box, 4 Pillar | 25mm 1-Gang Socket Box | 25mm 1-Gang Socket Box, 4 Pillar | 50mm 1-Gang Socket Box |
|---------------------|------------------------|----------------------------------|------------------------|----------------------------------|------------------------|
| Code | MTSB1 | MTSB1-4 | MTSB1-25 | MTSB1-25-4 | MTSB1-50 |
| Depth (mm) | 35 | 35 | 25 | 25 | 50 |
| No. of Pillars | 2 | 4 | 2 | 4 | 2 |
| Pack Qty | 10 | 10 | 10 | 10 | 10 |

2-Gang Socket Boxes



| Product Information | 35mm 2-Gang Socket Box | 25mm 2-Gang Socket Box | 50mm 2-Gang Socket Box |
|---------------------|------------------------|------------------------|------------------------|
| Code | MTSB2 | MTSB2-25 | MTSB2-50 |
| Depth (mm) | 35 | 25 | 50 |
| No. of Pillars | 2 | 2 | 2 |
| Pack Qty | 10 | 10 | 10 |

1 & 2-Gang Socket Frames



| Product Information | 1-gang socket mounting frame | 2-gang socket mounting frame |
|---------------------|------------------------------|------------------------------|
| Code | MTSB1-F | MTSB2-F |
| Depth (mm) | N/A | N/A |
| No. of Pillars | 4 | 2 |
| Pack Qty | 10 | 10 |

Elite 60 - Universal Accessories

Data Trunking

RCD/MCB DIN Rail Housing Kit



| Product Information | |
|---------------------|----------|
| Code | MT60RCDH |
| Pack Qty | 1 |

Includes: Hinged Cover, Mounting Frame and Mounting Bracket. Locking mechanism also available.

Accessory Spacer



| Product Information | |
|---------------------|---------|
| Code | MTLS |
| Dimensions (mm) | 87 x 60 |
| Pack Qty | 10 |

Available Colours

Single unit accessory spacer. Fits on to centre compartment using the same quick snap-on system as centre lid.

uPVC Universal Divider Strip



| Product Information | |
|---------------------|-----------|
| Code | MTD105 |
| Pack Qty | 16 x 1.5m |

Slide in uPVC divider for trunking products. Supplied in 1.5m lengths.

3 Compartment Trunking

Apollo trunking is the most versatile and adaptable trunking system in the range. Apollo is designed to suit any application, coming in three profiles, it is able to match the aesthetic requirements of any project. Apollo is supplied as a CAT5E compliant system as standard, and can be altered to meet CAT6 through the use of clip-in data guides.

MTD3

Chamfered



MTDQ3

Square



MTS3

Skirting



Key Features



Multi-Profile

Apollo's 3 profiles make it the most adaptable trunking system, accommodating any installation environment.



Hygieia Protection

Apollo 3 is available with Marco's Hygieia anti-microbial protection. Defending against 99.9% of harmful bacteria.



170 x 50mm Profile

Apollo's large profile, and three compartments are ideal for carrying a large number of cables, and its centre compartment can house multiple accessories.



DDA & Part M

Apollo 3 is also able to comply with both DDA and Part M specifications, using either our contrasting centre lids or coloured socket plates.



BIM Download

Apollo is available in Atkore Marco's BIM object pack, available on the website.

Apollo trunking systems conform to the following standards: BS4678 Part 4, BSEN50173 Part 1/2, BS EN 50174-2:2018, BS7671, BS 6701:2016+A1:2017, ISO IEC 11801

Apollo

3 Compartment Trunking

Apollo trunking is available in three different profiles. Available in Dado, Skirting and Square profiles Apollo's interchangeable lids are designed to accommodate installation requirements whilst retaining an aesthetically pleasing design.

| CODE | DESCRIPTION | LENGTH | PACK QTY |
|---------|--|---------------|----------|
| MTD3 | Apollo 3 - Dado Profile - White | 3m | 2 x 3m |
| MTD3LG | Apollo 3 - Dado Profile - Light Grey | 3m | 2 x 3m |
| MTD3CH | Apollo 3 - Dado Profile - Charcoal | 3m | 2 x 3m |
| MTDQ3 | Apollo 3 - Square Profile - White | 3m | 2 x 3m |
| MTDQ3LG | Apollo 3 - Square Profile - Light Grey | 3m | 2 x 3m |
| MTDQ3CH | Apollo 3 - Square Profile - Charcoal | 3m | 2 x 3m |
| MTS3 | Apollo 3 - Skirting Profile - White | 3m | 2 x 3m |
| MTS3LG | Apollo 3 - Skirting Profile - Light Grey | 3m | 2 x 3m |
| MTS3CH | Apollo 3 - Skirting Profile - Charcoal | 3m <td 2 x 3m | |



Apollo
Range

Apollo 3 - DDA

Apollo trunking is also able to adhere to DDA compliance through the use of contrasting centre lids and coloured socket plates, allowing for easy differentiation between the trunking and socket outlets.

| CODE | DESCRIPTION | LENGTH | PACK QTY |
|----------|---|--------|----------|
| MTD3LGL | Apollo 3 - Dado Profile - White with Light Grey Lid | 3m | 2 x 3m |
| MTD3CHL | Apollo 3 - Dado Profile - White with Charcoal Lid | 3m | 2 x 3m |
| MTDQ3LGL | Apollo 3 - Square Profile - White with Light Grey Lid | 3m | 2 x 3m |
| MTDQ3CHL | Apollo 3 - Square Profile - White with Charcoal Lid | 3m | 2 x 3m |
| MTS3LGL | Apollo 3 - Skirting Profile - White with Light Grey Lid | 3m | 2 x 3m |
| MTS3CHL | Apollo 3 - Skirting Profile - White with Charcoal Lid | 3m | 2 x 3m |



Apollo 3 - Hygieia

Apollo 3 is available with Hygieia finish, offering anti-microbial protection against 99.9% of harmful bacteria. The anti-microbial compound forms an integral part of the trunking, meaning there is no loss of performance if the trunking becomes scratched or damaged. All of Apollo's additional components are also available with anti-microbial.

Hygieia trunking is supplied with a protective blue plastic film for extra protection during transit and installation.

| CODE | DESCRIPTION | LENGTH | PACK QTY |
|---------|---|--------|----------|
| MTD3AM | Apollo 3 - Dado Profile - Anti-Microbial Finish | 3m | 2 x 3m |
| MTDQ3AM | Apollo 3 - Square Profile - Anti-Microbial Finish | 3m | 2 x 3m |
| MTS3AM | Apollo 3 - Skirting Profile - Anti-Microbial Finish | 3m | 2 x 3m |



Illustration purposes only, protective blue film to be removed during installation.

Light Grey and Charcoal Lid options available. Minimum quantities apply.

Accessories - Chamfer

Chamfered Top & Bottom Lids

Flat Angle - Chamfer



| Product Information | |
|---------------------|----------------|
| Code | MTDF3 |
| Dimensions (mm) | 235 x 235 x 40 |
| Pack Qty | 1 |

Available Colours

Chamfered profile Pre Fabricated mitred flat angle with chamfered top and bottom lids. Flat angle can be installed in either direction and is supplied as a single unit. Data guides can be added to meet CAT6. Additional joint covers (MTDJ3 x 2) required when fitting.

Flat Tee - Chamfer



| Product Information | |
|---------------------|----------------|
| Code | MTDT3 |
| Dimensions (mm) | 300 x 240 x 50 |
| Pack Qty | 1 |

Available Colours

Chamfered profile Pre Fabricated mitred flat tee with chamfered top and bottom lids. Tee can be installed in either direction and top and bottom lids complement the profile of the trunking. Data guides can be added to meet CAT6. Additional joint covers (MTDJ3 x 3) required when fitting.

Internal Angle - Chamfer



| Product Information | |
|---------------------|---------------|
| Code | MTDI3 |
| Dimensions (mm) | 175 x 77 x 77 |
| Pack Qty | 1 |

Available Colours

Moulded single unit chamfered profile internal angle. Clips over trunking. Varying degree angles also available.

External Angle - Chamfer



| Product Information | |
|---------------------|---------------|
| Code | MTDE3 |
| Dimensions (mm) | 175 x 74 x 74 |
| Pack Qty | 1 |

Available Colours

Moulded single unit chamfered profile external angle. Clips over trunking. Varying degree angles also available.

End Cover - Chamfer



| Product Information | |
|---------------------|-----------------|
| Code | MTDC3 |
| Dimensions (mm) | 175 x 51.5 x 12 |
| Pack Qty | 2 |

Available Colours

Moulded end caps, supplied in pairs matching trunking profile.

Joint Cover - Chamfer



| Product Information | |
|---------------------|-----------------|
| Code | MTDJ3 |
| Width (mm) | 175 x 51.5 x 33 |
| Pack Qty | 5 |

Available Colours

Moulded joint covers with an easy clip-in mechanism for faster installation. Supplied in packs of five.

Available Colours:

Standard White

Light Grey. Add LG to product code

Light Grey Lid. Add LGL to product code

Charcoal. Add CH to product code

Charcoal Lid. Add CHL to product code

Accessories - Square

Square Top & Bottom Lids

Flat Angle - Square



| Product Information | |
|---------------------|----------------|
| Code | MTDQF3 |
| Dimensions (mm) | 235 x 235 x 50 |
| Pack Qty | 1 |

Available Colours

Pre Fabricated mitred joint flat angles with square top and bottom lids. Flat angle can be installed in either direction and is supplied as a single unit. Data guides can be added to meet **CAT6**. **Additional joint covers (MTDQJ3 x 2)** required when fitting.

Flat Tee - Square



| Product Information | |
|---------------------|----------------|
| Code | MTDQT3 |
| Dimensions (mm) | 300 x 240 x 50 |
| Pack Qty | 1 |

Available Colours

Pre Fabricated mitred joint flat tee with square top and bottom lids. Tee can be installed in either direction and top and bottom lids complement the flush finish of the trunking. Data guides can be added to meet **CAT6**. **Additional joint covers (MTDQJ3 x 3)** required when fitting.

Internal Angle - Square



| Product Information | |
|---------------------|---------------|
| Code | MTDQI3 |
| Dimensions (mm) | 175 x 77 x 77 |
| Pack Qty | 1 |

Available Colours

Moulded single unit internal angle cover. Clips over and sits above trunking. **Varying degree angles also available.**

External Angle - Square



| Product Information | |
|---------------------|---------------|
| Code | MTDQE3 |
| Dimensions (mm) | 175 x 77 x 77 |
| Pack Qty | 1 |

Available Colours

Moulded single unit external angle. Clips over and sits above trunking. Supplied as single units. **Varying degree angles also available.**

End Cover - Square



| Product Information | |
|---------------------|-----------------|
| Code | MTDQC3 |
| Dimensions (mm) | 175 x 51.5 x 12 |
| Pack Qty | 2 |

Available Colours

Moulded end caps, supplied in pairs matching trunking profile.

Joint Cover - Square



| Product Information | |
|---------------------|---------------|
| Code | MTDQJ3 |
| Width (mm) | 175 x 77 x 77 |
| Pack Qty | 5 |

Available Colours

Moulded joint covers with an easy clip in mechanism for faster installation. Supplied in packs of five.

Skirting Top & Bottom Lids

Flat Angle - Skirting



| Product Information | UP | DOWN |
|---------------------|----------------|--------|
| Code | MTSF3U | MTSF3D |
| Dimensions (mm) | 235 x 235 x 50 | |
| Pack Qty | 1 | |

Available Colours

Skirting profile Pre Fabricated mitred flat angles with chamfered top and square bottom lids. Up has chamfered lid on inside bend. Down has chamfered lid on outside bend. Data guides can be added to meet CAT6. Additional joint covers (MTSJ3 x 2) required when fitting.

Flat Tee - Skirting



| Product Information | |
|---------------------|----------------|
| Code | MTST3 |
| Dimensions (mm) | 300 x 240 x 50 |
| Pack Qty | 1 |

Available Colours

Skirting profile Pre Fabricated mitred joint flat tee with chamfered top and square bottom lids. Tee can be installed in either direction and top and bottom lids complement the finish of the trunking. Data guides can be added to meet CAT6. Down option available on request. Additional joint covers (MTSJ3 x 3) required when fitting.

Internal Angle - Skirting



| Product Information | |
|---------------------|---------------|
| Code | MTSI3 |
| Dimensions (mm) | 175 x 77 x 77 |
| Pack Qty | 1 |

Available Colours

Moulded single unit skirting profile internal angle cover. Clips in and sits above trunking. Varying degree angles also available.

External Angle - Skirting



| Product Information | |
|---------------------|---------------|
| Code | MTSE3 |
| Dimensions (mm) | 175 x 74 x 74 |
| Pack Qty | 1 |

Available Colours

Moulded single unit skirting profile external angle cover. Clips in over trunking. Supplied as single units. Varying degree angles also available.

End Cover - Skirting



MTSCL3 MTSR3

| Product Information | LEFT | RIGHT |
|---------------------|-----------------|--------|
| Code | MTSCL3 | MTSCR3 |
| Dimensions (mm) | 175 x 51.5 x 12 | |
| Pack Qty | 2 | 2 |

Available Colours

Moulded end caps, supplied in pairs matching trunking profile.

Available Colours:

Standard White Light Grey. Add LG to product code
Light Grey Lid. Add LGL to product code

Joint Cover - Skirting



| Product Information | |
|---------------------|-----------------|
| Code | MTSJ3 |
| Width (mm) | 175 x 51.5 x 33 |
| Pack Qty | 5 |

Available Colours

Moulded joint covers with an easy clip-in mechanism for faster installation. Supplied in packs of five.

Charcoal. Add CH to product code
Charcoal Lid. Add CHL to product code

Apollo Univeral Accessories

3 Compartment Trunking

Cable Retainer



| Product Information | |
|---------------------|------|
| Code | MTCR |
| Pack Qty | 20 |

Clip-in cable retainer. Designed to offer additional stability when holding cables in place through the trunking.

Accessory Spacer



| Product Information | |
|---------------------|---------|
| Code | MTLS |
| Dimensions (mm) | 87 x 60 |
| Pack Qty | 10 |

Available Colours

Single unit accessory spacer. Fits on to centre compartment using the same quick snap-on system as centre lid.

RCD/MCB DIN Rail Housing Kit



| Product Information | |
|---------------------|--------|
| Code | MTRCDH |
| Pack Qty | 1 |

Includes: hinged cover, mounting frame and mounting bracket. Locking mechanism available.

Data Guides



| Product Information | |
|---------------------|------------------------------|
| Code | Add Suffix DG to angle codes |
| Pack Qty | 1 |

Data guides, designed to enable CAT6 compliance throughout Apollo trunking accessories by maintaining necessary bend radius.

Steel Strip Screening Divider



| Product Information | |
|---------------------|----------|
| Code | MTAS |
| Pack Qty | 4 x 1.5M |

Slide-in screening divider for Apollo. Meets BSEN50174-2 for power and data separation. Supplied in 1.5m lengths.

uPVC Universal Divider Strip



| Product Information | |
|---------------------|-----------|
| Code | MTD105 |
| Pack Qty | 16 x 1.5m |

Slide in uPVC divider for trunking products. Supplied in 1.5m lengths.

Security fittings are available for many of our uPVC accessories.

3 Compartment Trunking

1 - Gang Socket Boxes



| Product Information | 35mm 1-Gang Socket Box | 35mm 1-Gang Socket Box, 4 Pillar | 25mm 1-Gang Socket Box | 25mm 1-Gang Socket Box, 4 Pillar |
|---------------------|------------------------|----------------------------------|------------------------|----------------------------------|
| Code | MTSB1 | MTSB1-4 | MTSB1-25 | MTSB1-25-4 |
| Depth (mm) | 35 | 35 | 25 | 25 |
| No. of Pillars | 2 | 4 | 2 | 4 |
| Pack Qty | 10 | 10 | 10 | 10 |

2 - Gang Socket Boxes



| Product Information | 35mm 2-Gang Socket Box | 25mm 2-Gang Socket Box |
|---------------------|------------------------|------------------------|
| Code | MTSB2 | MTSB2-25 |
| Depth (mm) | 35 | 25 |
| No. of Pillars | 2 | 2 |
| Pack Qty | 10 | 10 |

1 & 2 - Gang Socket Frames



| Product Information | 1-gang socket mounting frame | 2-gang socket mounting frame |
|---------------------|------------------------------|------------------------------|
| Code | MTSB1-F | MTSB2-F |
| Depth (mm) | N/A | N/A |
| No. of Pillars | 4 | 2 |
| Pack Qty | 10 | 10 |

Apollo 4 Compartment

257 x 50mm

4 Compartment Trunking

Apollo 4

Apollo Trunking can also be modified to become a four compartment trunking, with a profile of 257 x 50mm, through the addition of the MT4KI extension kit.

Lengths are supplied as the standard MTD3 system, with the additional extension kit included. Apollo 4 compartment benefits from having two large centre compartments, both able to accommodate socket boxes and accessories.

MTD4

Chamfered



MTDQ4

Square



MTS4

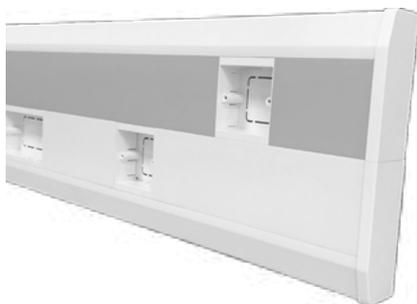
Skirting



| CODE | DESCRIPTION | LENGTH | PACK QTY |
|---------|--|--------|----------|
| MTD4 | Apollo 4 - Dado Profile - Pure White | 3m | 2 x 3m |
| MTD4LG | Apollo 4 - Dado Profile - Light Grey | 3m | 2 x 3m |
| MTD4CH | Apollo 4 - Dado Profile - Charcoal | 3m | 2 x 3m |
| MTDQ4 | Apollo 4 - Square Profile - Pure White | 3m | 2 x 3m |
| MTDQ4LG | Apollo 4 - Square Profile - Light Grey | 3m | 2 x 3m |
| MTDQ4CH | Apollo 4 - Square Profile - Charcoal | 3m | 2 x 3m |
| MTS4 | Apollo 4 - Skirting Profile - Pure White | 3m | 2 x 3m |
| MTS4LG | Apollo 4 - Skirting Profile - Light Grey | 3m | 2 x 3m |
| MTS4CH | Apollo 4 - Skirting Profile - Charcoal | 3m | 2 x 3m |

Apollo 4 - DDA

Apollo trunking is also able to adhere to DDA specification through the use of contrasting centre lids and coloured socket plates, allowing for easy differentiation between the trunking and its outlets.



| CODE | DESCRIPTION | LENGTH | PACK QTY |
|----------|---|--------|----------|
| MTD4LGL | Apollo 4 - Dado Profile - White with Light Grey Lid | 3m | 2 x 3m |
| MTD4CHL | Apollo 4 - Dado Profile - White with Charcoal Lid | 3m | 2 x 3m |
| MTDQ4LGL | Apollo 4 - Square Profile - White with Light Grey Lid | 3m | 2 x 3m |
| MTDQ4CHL | Apollo 4 - Square Profile - White with Charcoal Lid | 3m | 2 x 3m |
| MTS4LGL | Apollo 4 - Skirting Profile - White with Light Grey Lid | 3m | 2 x 3m |
| MTS4CHL | Apollo 4 - Skirting Profile - White with Charcoal Lid | 3m | 2 x 3m |

Accessories

| CODE | DESCRIPTION | PACK QTY |
|----------|------------------------------|----------|
| MTDF4** | Flat Angle - Dado | 1 |
| MTDQF4** | Flat Angle - Square | 1 |
| MTSF4U** | Flat Angle - Skirting - Up | 1 |
| MTSF4D** | Flat Angle - Skirting - Down | 1 |
| MTDT4** | Flat Tee - Dado | 1 |
| MTDQT4** | Flat Tee - Square | 1 |
| MTST4** | Flat Tee - Skirting | 1 |
| MTDC4* | End Cover - Dado | 2 |
| MTDQC4* | End Cover - Square | 2 |
| MTSCR4* | End Cover - Skirting - Right | 2 |

* Supplied as a 2-part fitting

| CODE | DESCRIPTION | PACK QTY |
|---------|-----------------------------|----------|
| MTSCL4* | End Cover - Skirting - Left | 2 |
| MTDI4* | Internal Angle - Dado | 1 |
| MTDQI4* | Internal Angle - Square | 1 |
| MTSI4* | Internal Angle - Skirting | 1 |
| MTDE4* | External Angle - Dado | 1 |
| MTDQE4* | External Angle - Square | 1 |
| MTSE4* | External Angle - Skirting | 1 |
| MTDJ4* | Joint Cover - Dado | 5 |
| MTDQJ4* | Joint Cover - Square | 5 |
| MTSJ4* | Joint Cover - Skirting | 5 |

** Joint covers required when fitting

Juno trunking is a single compartment uPVC dado system, which can be subdivided with a dividing strip for power, data and telecommunication cables. The position of the divider fixing points allow for two, three or four compartments to be made depending on installation needs.

Atkore Marco also offer Juno as individual pre-assembled units, ideal for student accommodation, and other installations with repeating specifications.



Key Features



1, 2, 3 or 4 Compartment

Juno trunking is unique in its ability to be divided into a multiple compartment solution whilst keeping its compact profile.



DDA & Part M

DDA compliance is attainable using contrasting centre lids or socket plates. Juno is available with light grey or charcoal variations to its standard pure white centre lid.



100 x 50mm Profile

Juno's smaller profile makes it perfect for installations with small distribution requirements, especially where space is limited.



BIM Download

Juno forms part of the BIM downloads, an integral part of the Marco uPVC range, the entire Juno product family is available.



Hygieia Protection

Juno is available with Hygieia protection. The anti-microbial element forms an integral part of the trunking meaning there is no loss of performance if the trunking is damaged.

Atkore Marco offer pre-assembled Juno units, ideal for student accommodation, as well as other repetitive installations!

Juno

Single Compartment Trunking

Juno is a single compartment trunking with the ability to be sub-divided up to three times, enabling it to form up to four compartments.

Juno is ideal for smaller installations where cable segregation is key. Its compact design makes it perfect for domestic and commercial use, and has seen use in projects with repeating units such as student accommodation and offices.

Full Charcoal and Light grey lengths are manufactured to order and minimum quantities apply.

| CODE | DESCRIPTION | LENGTH | PACK QTY |
|---------|-------------------|--------|----------|
| MT105 | Juno - Pure White | 3m | 2 x 3m |
| MT105CH | Juno - Charcoal | 3m | 2 x 3m |



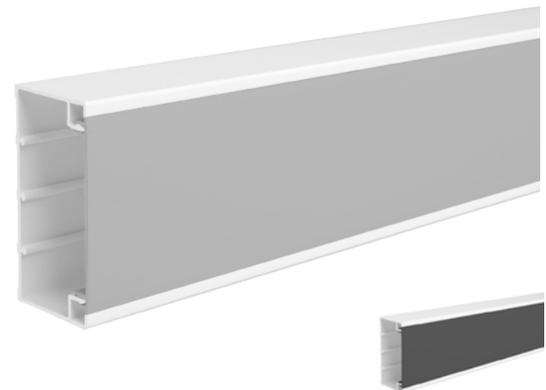
Juno Range

Juno - DDA

Juno is also able to accommodate DDA compliance using contrasting centre lid. Juno can also accept DDA socket plates giving the required level of contrast around socket outlets.



| CODE | DESCRIPTION | LENGTH | PACK QTY |
|----------|---------------------------------------|--------|----------|
| MT105LGL | Juno - Pure White with Light Grey Lid | 3m | 2 x 3m |
| MT105CHL | Juno - Pure White with Charcoal Lid | 3m | 2 x 3m |



Juno - Hygieia

Juno is also available with Hygieia protection. Anti-Microbial compound is added during the manufacturing process, forming an integral part of the trunking resulting in a consistent performance even if the trunking is scuffed or damaged.

Centre lid is supplied in a protective blue film for extra protection during installation.

Juno Hygieia is manufactured to order, minimum quantities apply.

| CODE | DESCRIPTION | LENGTH | PACK QTY |
|------------|---------------------------------------|--------|----------|
| MT105AM | Juno - Pure White with Anti-Microbial | 3m | 2 x 3m |
| MT105AMLGL | Juno - Light Grey with Anti-Microbial | 3m | 2 x 3m |
| MT105AMCHL | Juno - Charcoal with Anti-Microbial | 3m | 2 x 3m |

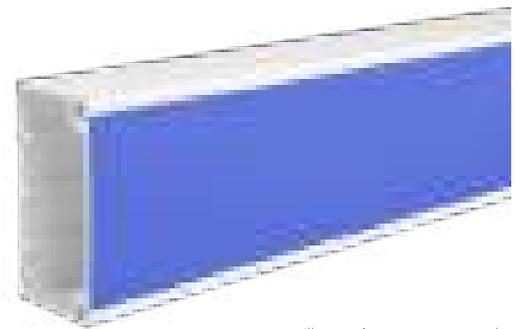


Illustration purposes only, protective blue film to be removed during installation.

Minimum order quantities apply to Charcoal Anti-Microbial.

Single Compartment Trunking

Flat Angle



| Product Information | |
|---------------------|--------|
| Code | MTF105 |
| Pack Qty | 1 |

Available Colours

Moulded 90 degree flat angle bend for Juno trunking. Supplied as single units.

Flat Tee



| Product Information | |
|---------------------|--------|
| Code | MTT105 |
| Pack Qty | 1 |

Available Colours

Moulded flat tee for Juno trunking. Can be used to connect three lengths in any direction. Supplied as single units.

Internal Angle



| Product Information | |
|---------------------|--------|
| Code | MTI105 |
| Pack Qty | 1 |

Available Colours

Moulded single unit internal angle for Juno trunking. Connects two lengths creating a 90 degree bend. Supplied as single units.

External Angle



| Product Information | |
|---------------------|--------|
| Code | MTE105 |
| Pack Qty | 1 |

Available Colours

Moulded single unit external angle cover. Clips in and sits above trunking. Supplied as single units.

End Cover



| Product Information | |
|---------------------|--------|
| Code | MTC105 |
| Pack Qty | 2 |

Available Colours

Moulded end caps, supplied in pairs matching trunking profile.

Joint Cover



| Product Information | |
|---------------------|--------|
| Code | MTJ105 |
| Pack Qty | 5 |

Available Colours

Moulded joint covers with an easy clip in mechanism for faster installation. Supplied in packs of five.

Available Colours: Standard White Charcoal. Add CH to product code

Juno - Accessories

Single Compartment Trunking

uPVC Universal Divider Strip



| Product Information | |
|---------------------|-----------|
| Code | MTD105 |
| Pack Qty | 16 x 1.5m |

Available Colours

Slide in uPVC divider for trunking products. Supplied in 1.5m lengths.

Accessory Spacer



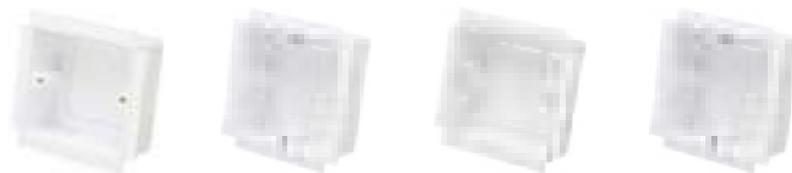
| Product Information | |
|---------------------|---------|
| Code | MTLS |
| Dimensions (mm) | 87 x 60 |
| Pack Qty | 10 |

Available Colours

Single unit accessory spacer. Fits on to centre compartment using the same quick snap-on system as centre lid.

Juno Accessory Boxes

1 - Gang Socket Boxes



| Product Information | 35mm 1-Gang Socket Box | 35mm 1-Gang Socket Box, 4 Pillar | 25mm 1-Gang Socket Box | 25mm 1-Gang Socket Box, 4 Pillar |
|---------------------|------------------------|----------------------------------|------------------------|----------------------------------|
| Code | MTSB1 | MTSB1-4 | MTSB1-25 | MTSB1-25-4 |
| Depth (mm) | 35 | 35 | 25 | 25 |
| No. of Pillars | 2 | 4 | 2 | 4 |
| Pack Qty | 10 | 10 | 10 | 10 |

2 - Gang Socket Boxes



| Product Information | 35mm 2-Gang Socket Box | 25mm 2-Gang Socket Box |
|---------------------|------------------------|------------------------|
| Code | MTSB2 | MTSB2-25 |
| Depth (mm) | 35 | 25 |
| No. of Pillars | 2 | 2 |
| Pack Qty | 10 | 10 |

MTSB1-F & MTSB2-F Socket mounting frames also available

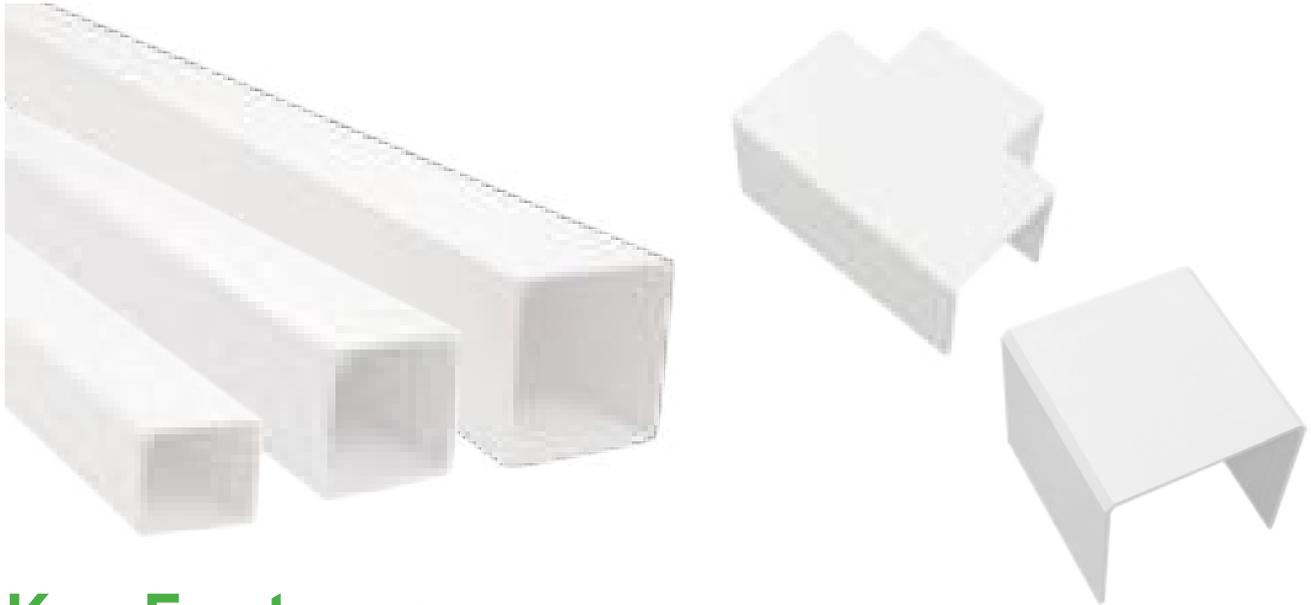
Single Compartment Trunking

50x50, 75x75 & 100x100

Maxi trunking range is the perfect solution for a number of cable management project installations, including domestic and commercial installs. Atkore Marco's Maxi trunking is supplied in three standard sizes, 50mm, 75mm & 100mm, and are all available with a range of accessories and fittings.

Supplied with a unique **secure-lock lid**, Maxi trunking is able to offer a tamper proof solution, keeping cables protected in all environments. Maxi Trunking is supplied in 3 metre lengths as standard.

Maxi Range



Key Features



3 Sizes Available

Maxi trunking is available in three profiles, with sizes available to suit any project installation.



Full Range of Fittings

Maxi trunking is available with a full range of supporting accessories and fittings, including moulded and fabricated accessories.



Secure-Lock Lid

Maxi's secure-lock lid provides a robust solution which ensures that both the trunking exterior aesthetics are preserved, and interior cables are protected from tapering.

Maxi Trunking

Maxi Trunking is available in three sizes, able to suit any installation. Maxi trunking is supplied in 3 metre lengths, in a pure white finish.



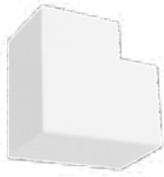
| Product Information | | | |
|---------------------|---------|---------|---------|
| Code | MMT50 | MMT75 | MMT100 |
| Height (mm) | 50 | 75 | 100 |
| Width (mm) | 50 | 75 | 100 |
| Pack Qty | 12 x 3m | 12 x 3m | 12 x 3m |

Maxi trunking systems conform to the following standards: BS4678 Part 4, BS7671, BS 6701:2016+A1:2017, ANSI/TIA 568, ISO IEC 11801

Maxi Trunking Accessories

Single Compartment Trunking

Flat Angle



| Product Information | | |
|---------------------|----------|---------|
| Size (mm) | Pack Qty | Code |
| 50 x 50 | 2 | MMTF50 |
| 75 x 75 | 1 | MMTF75 |
| 100 x 100 | 1 | MMTF100 |

Flat angles for maxi trunking. Available in all sizes of Maxi trunking. Product shown is the MMT50 variant, 75 & 100 versions are fabricated.

Flat Tee



| Product Information | | |
|---------------------|----------|---------|
| Size (mm) | Pack Qty | Code |
| 50 x 50 | 2 | MMTT50 |
| 75 x 75 | 1 | MMTT75 |
| 100 x 100 | 1 | MMTT100 |

Flat tee for maxi trunking. Available in all sizes of Maxi trunking. Product shown is the MMT50 variant, 75 & 100 versions are fabricated.

Internal Angle



| Product Information | | |
|---------------------|----------|---------|
| Size (mm) | Pack Qty | Code |
| 50 x 50 | 2 | MMTI50 |
| 75 x 75 | 1 | MMTI75 |
| 100 x 100 | 1 | MMTI100 |

Internal angles for maxi trunking. Available in all sizes of Maxi trunking. Product shown is the MMT50 variant, 75 & 100 versions are fabricated.

External Angle



| Product Information | | |
|---------------------|----------|---------|
| Size (mm) | Pack Qty | Code |
| 50 x 50 | 2 | MMTE50 |
| 75 x 75 | 1 | MMTE75 |
| 100 x 100 | 1 | MMTE100 |

External angles for maxi trunking. Available in all sizes of Maxi trunking. Product shown is the MMT50 variant, 75 & 100 versions are fabricated.

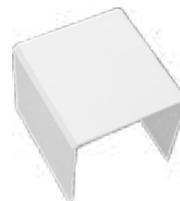
End Cover



| Product Information | | |
|---------------------|----------|---------|
| Size (mm) | Pack Qty | Code |
| 50 x 50 | 8 | MMTC50 |
| 75 x 75 | 4 | MMTC75 |
| 100 x 100 | 4 | MMTC100 |

Moulded single unit end caps for Maxi trunking. Available in all three sizes. Product shown is the MMT50 variant.

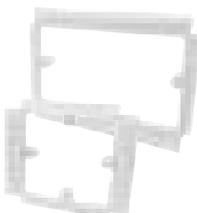
Internal Joint Cover



| Product Information | | |
|---------------------|----------|---------|
| Size (mm) | Pack Qty | Code |
| 50 x 50 | 2 | MMTJ50 |
| 75 x 75 | 2 | MMTJ75 |
| 100 x 100 | 2 | MMTJ100 |

Moulded single unit joint cover for Maxi trunking. Available in all sizes. Product shown is the MMT50 variant.

Socket Mounting Frame 100 x 100mm only



| Product Information | | |
|---------------------|----------|-------|
| Description | Pack Qty | Code |
| 1-Gang Frame | 10 | MMBF1 |
| 2-Gang Frame | 10 | MMBF2 |

Socket Mounting Frames for Maxi Trunking. 1 & 2 Gang options available. Frames only suitable for 100 x 100mm Trunking.

Socket Mounting Boxes 100 x 100mm only



| Product Information | | |
|---------------------|----------|-------|
| Description | Pack Qty | Code |
| 1-Gang Box | 10 | MMBX1 |
| 2-Gang Box | 10 | MMBX2 |

Socket Mounting Boxes for Maxi Trunking. 1 & 2 Gang options available. Boxes only suitable for 100 x 100mm Trunking.

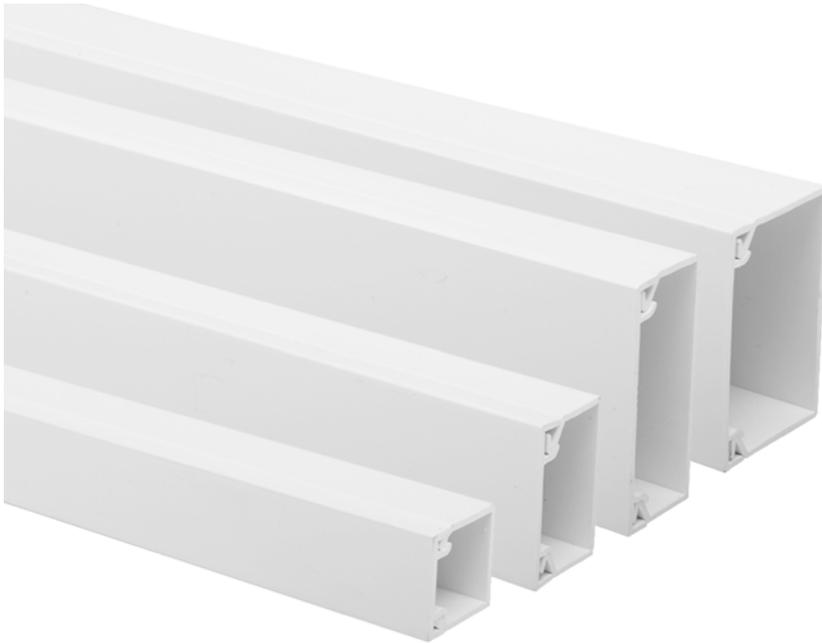
Standard and Self-Adhesive Trunking System

Atkore Marco's uPVC mini trunking allows for both power and data cabling to be installed within commercial or domestic buildings, making the products ideal for new build and refurbishments.

As with its sister products, Mini trunking has been designed with a clean, pure white, modern aesthetic that incorporates a high impact resistant uPVC compound, giving the product a durable yet versatile finish.

Mini trunking is available with a **self-adhesive** back, for even faster and easier installation.

Mini Range



Key Features



4 Sizes Available

Mini trunking is available in four sizes, making it suitable for a number of installation requirements.



Full Range of Fittings

Each size of Atkore Marco's Mini trunking comes with a full range of fittings and accessories.



Self Adhesive

Mini trunking is available with a self adhesive base, allowing for quick installation without compromising performance.



BIM Download

Mini forms part of the Atkore Marco BIM downloads, an integral part of the Marco uPVC range, the entire Mini product family is available.



Secure-Lock Lid

Mini's snap on lid allows for quick installation of power and data cabling, with secure fit to ensure cabling is kept inside.

Mini trunking systems conform to the following standards: BS4678 Part 4, BS7671, BS 6701:2016+A1:2017, ANSI/TIA 568B, ISO IEC 11801

Mini Trunking

Standard and Self-Adhesive Trunking System

Mini

Available in four sizes, Mini trunking is designed for electrical contractors and data installers allowing the lid to be removed and snapped on with ease, making the product ideal for moves, adds and changes (MAC) installations. The trunking is available with a full range of fittings and accessories.



| Product Information | | | | |
|---------------------|-----|-----|-----|-----|
| Code | MM1 | MM2 | MM3 | MM4 |
| Width (mm) | 16 | 25 | 38 | 38 |
| Height (mm) | 16 | 16 | 16 | 25 |
| Pack Qty | 90m | 90m | 45m | 45m |

Mini - Self Adhesive

Mini trunking is also available with a self-adhesive backing for quick installation.



| Product Information | | | | |
|---------------------|------|------|------|------|
| Code | MMS1 | MMS2 | MMS3 | MMS4 |
| Width (mm) | 16 | 25 | 38 | 38 |
| Height (mm) | 16 | 16 | 16 | 25 |
| Pack Qty | 90m | 90m | 45m | 45m |

Standard and Self-Adhesive Trunking System

Mini Range

Flat Angle



| Product Information | | |
|---------------------|----------|------|
| Size (mm) | Pack Qty | Code |
| 16 x 16 | 60 | MM1F |
| 25 x 16 | 30 | MM2F |
| 38 x 16 | 25 | MM3F |
| 38 x 25 | 20 | MM4F |

Moulded single unit flat angle for mini trunking. Available in all four sizes of mini trunking. Product shown is the MM3 variant.

Flat Tee



| Product Information | | |
|---------------------|----------|------|
| Size (mm) | Pack Qty | Code |
| 16 x 16 | 20 | MM1T |
| 25 x 16 | 30 | MM2T |
| 38 x 16 | 25 | MM3T |
| 38 x 25 | 20 | MM4T |

Moulded single unit flat tee for mini trunking. Available in all four sizes of mini trunking. Product shown is the MM3 variant.

Internal Angle



| Product Information | | |
|---------------------|----------|------|
| Size (mm) | Pack Qty | Code |
| 16 x 16 | 50 | MM1I |
| 25 x 16 | 30 | MM2I |
| 38 x 16 | 25 | MM3I |
| 38 x 25 | 25 | MM4I |

Moulded single unit internal angle for mini trunking. Available in all four sizes of mini trunking. Product shown is the MM3 variant.

External Angle



| Product Information | | |
|---------------------|----------|------|
| Size (mm) | Pack Qty | Code |
| 16 x 16 | 50 | MM1E |
| 25 x 16 | 30 | MM2E |
| 38 x 16 | 25 | MM3E |
| 38 x 25 | 25 | MM4E |

Moulded single unit external angle for mini trunking. Available in all four sizes of mini trunking. Product shown is the MM3 variant.

End Cover



| Product Information | | |
|---------------------|----------|------|
| Size (mm) | Pack Qty | Code |
| 16 x 16 | 100 | MM1C |
| 25 x 16 | 100 | MM2C |
| 38 x 16 | 50 | MM3C |
| 38 x 25 | 50 | MM4C |

Moulded single unit end caps for mini trunking. Available in all four sizes of mini trunking. Product shown is the MM3 variant.

Joint Cover



| Product Information | | |
|---------------------|----------|------|
| Size (mm) | Pack Qty | Code |
| 16 x 16 | 40 | MM1J |
| 25 x 16 | 40 | MM2J |
| 38 x 16 | 25 | MM3J |
| 38 x 25 | 25 | MM4J |

Moulded single unit joint cover for mini trunking. Available in all four sizes of mini trunking. Product shown is the MM3 variant.

Surface Boxes

Standard and Self-Adhesive Trunking System

32mm Square Edge 1 - Gang



| Product Information | |
|---------------------|---------|
| Code | MSB32S1 |
| Pack Qty | 10 |

Includes 20mm conduit knock-out

32mm Square Edge 2 - Gang



| Product Information | |
|---------------------|---------|
| Code | MSB32S2 |
| Pack Qty | 10 |

Includes 20mm conduit knock-out

32mm Round Edge 1 - Gang



| Product Information | |
|---------------------|---------|
| Code | MSB32R1 |
| Pack Qty | 10 |

Includes 20mm conduit knock-out

32mm Round Edge 2 - Gang



| Product Information | |
|---------------------|---------|
| Code | MSB32R2 |
| Pack Qty | 10 |

Includes 20mm conduit knock-out

44mm Round Edge 1 - Gang



| Product Information | |
|---------------------|---------|
| Code | MSB44R1 |
| Pack Qty | 10 |

Includes 20mm conduit knock-out

44 mm Round Edge 2 - Gang



| Product Information | |
|---------------------|---------|
| Code | MSB44R2 |
| Pack Qty | 10 |

Includes 20mm conduit knock-out

16 x 16 Surface Box Adapter



| Product Information | |
|---------------------|-------|
| Code | MM1BA |
| Pack Qty | 25 |

Includes 20mm conduit knock-out

25 x 16 Surface Box Adapter



| Product Information | |
|---------------------|-------|
| Code | MM2BA |
| Pack Qty | 25 |

Includes 20mm conduit knock-out

Specification for Atkore Marco's Hygieia uPVC

Product

Antimicrobial uPVC

Product Description

Atkore Marco's anti microbial compound utilises silver ion technology, to create a defence against 99.9% of harmful bacteria growth. The antimicrobial compound is incorporated into the uPVC, and is therefore an integral part of the trunking. This results in no degradation of performance, if the surface becomes scratched or damaged as there is protection throughout the system

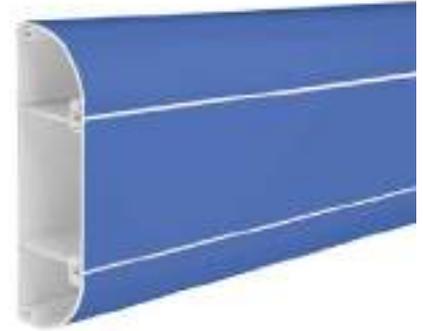


Illustration purposes only, protective blue film to be removed during installation.

Applicable Standards

ISO22196 (Measurement of antibacterial activity on plastic)

Test Results

Quantitative Assessment of Activity - ISO22196:2011 - MRSA:

Concentration of starting inoculum: 3.20x10⁵ CFU/mL

| Sample Description | Number of Bacteria Recovered | Log Value | R = [log(B/C)] | % Survival |
|--|------------------------------|-----------|----------------|------------|
| White PVC - untreated control | 4.57x10 ⁶ | 6.7 | - | - |
| White Rigid PVC - Treated with Ag ion additive | <5.00x10 ¹ | <1.7 | >5.0 | <0.1 |

Quantitative Assessment of Activity - ISO22196:2011 - Klebisella Pneumonia:

Concentration of starting inoculum: 2.36x10⁵ CFU/mLmL

| Sample Description | Number of Bacteria Recovered | Log Value | R = [log(B/C)] | % Survival |
|--|------------------------------|-----------|----------------|------------|
| White PVC - untreated control | 1.76x10 ⁶ | 6.3 | - | - |
| White Rigid PVC - Treated with Ag ion additive | <5.00x10 ¹ | <1.7 | <4.4 | <0.1 |

Test Report Ref

Report No. 2418041

Socket Boxes

Specification for Atkore Marco's uPVC Socket Boxes

Product

uPVC socket boxes

Product Description

Socket boxes are designed to house a number of accessories and are available in a number of sizes.

The following table is a guide to be used when installing boxes in Atkore Marco products.

| BOX | PRODUCT | | | | | | | | | |
|-----------|---------|-----|------|------|------|-------|-------|------|-------|------|
| | MEC3 | ME3 | MT60 | MTD3 | MTS3 | MTDQ3 | MT105 | MTP1 | MTP1W | MTBT |
| MTSB1 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✗ | ✗ | ✗ |
| MTSB2 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✗ | ✗ | ✗ |
| MTSB1-25 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✗ | ✗ | ✗ |
| MTSB2-25 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✗ | ✗ | ✗ |
| MTSB1-50 | ✗ | ✓ | ✓ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ |
| MTSB2-50 | ✗ | ✓ | ✓ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ |
| MTSB1-F | ✓ | ✓ | ✓ | — | — | — | — | ✗ | ✗ | ✗ |
| MTSB2-F | ✓ | ✓ | ✓ | — | — | — | — | ✗ | ✗ | ✗ |
| MTPSB1 | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✓ | ✓ | ✓ |
| MTPSB2 | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✓ |
| MTPSB1-25 | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✓ | ✓ | ✓ |
| MTPSB2-25 | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✓ |

| YES | NO | NO WINGS |
|-----|----|----------|
| ✓ | ✗ | — |

Specification for Elite3 uPVC

Product

ME3

Product Description

Elite 3 - 3 Compartment Perimeter Trunking

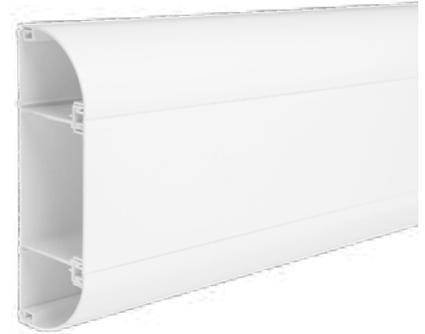
Product Dimensions

175 x 60mm Profile

3 Metre Length

Applicable Standards:

BS 6701:2016+A1:2017 (Telecommunications equipment and cabling)
 ISO/IEC 11801 (ED2.0 Amd 2) (Generic cabling for customers premises)
 Cenlec (BSEN50173 Part 1/2, BSEN50174-2) (Generic cabling and installation)
 BS4678 Pt 4 (Cable Trunking)
 BS7671 (IEE Regulations) (Wiring Regulations)



Product Specification

Description: 3 Compartment Perimeter Trunking
 Material Compliance: ROHS & WEEE Compliant
 Manufactured: Extruded from Pellets

Material Specification: (if applicable)

Description: A Calcium/Zinc stabilised, medium/high impact uPVC

| PROPERTY | Standard | UNITS | VALUE |
|--------------------------|------------------------|-------|-------|
| Specific Gravity | BS2782 620A | g/cc | 1.50 |
| Vicat Softening Point | BS2782 (B50) 1990 120B | °C | 78 |
| Tensile Strength @ Yield | BS2782 320A-F | MPa | 40 |

The above are typical test results and do not constitute any part of a specification

Colours:

ME3 - Pure White
 ME3LGL - Light grey centre lid
 ME3LG - Light Grey
 ME3CHL - Charcoal centre lid
 ME3CH - Charcoal

Additional Finishes:

ME3AM - Anti-Microbial

Base:

Pre Punched for wall mounting 200mm intervals

Walls:

Pre-Punched for wiring at 150mm intervals

Screening:

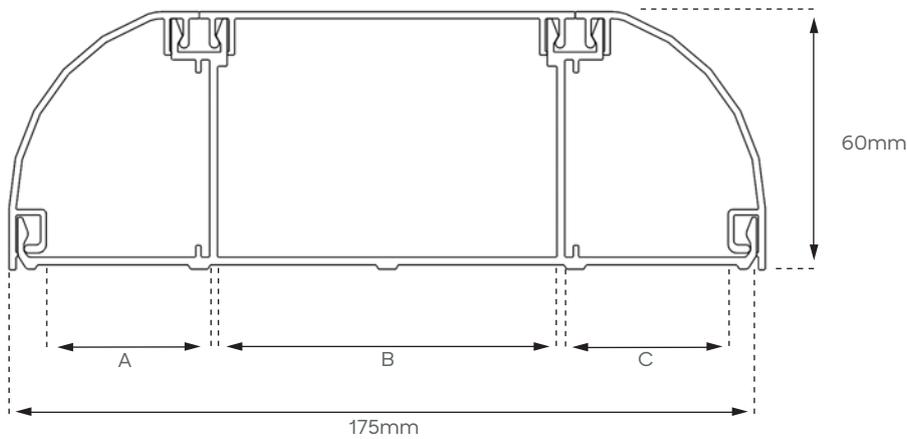
ME3SD - Slide in steel screening dividers top and bottom
 ME3SDE - External angle screening divider

Lids:

ME3AL - Elite 3 Top & bottom Curved Lid
 MT3CL - Marco Universal Centre Lid

Elite 3

Dimensions & Capacities for Elite 3



Compartment width in (mm)

| A | B | C |
|------|------|------|
| 37.8 | 78.6 | 37.8 |

Elite Range

Data

| DATA CABLE DIAMETER (mm) | NOMINAL CSA (mm ²) | COMPARTMENT A 2070mm ² | COMPARTMENT B | | | COMPARTMENT C 2070mm ² |
|--------------------------|--------------------------------|--------------------------------------|------------------------------------|-------------------------------------|-------------------------------------|--------------------------------------|
| | | | 3590mm ² | 3950mm ² and 25mm box | 3590mm ² and 35mm box | |
| | | 45% Fill (928mm ²) | 45% Fill (1615mm ²) | 45% Fill (813mm ²) | 45% Fill (488mm ²) | 45% Fill (928mm ²) |
| 5 | 19.6 | 47 | 82 | 41 | 24 | 47 |
| 5.5 | 23.8 | 38 | 67 | 34 | 20 | 38 |
| 6 | 28.3 | 32 | 57 | 28 | 27 | 32 |
| 6.5 | 33.2 | 28 | 48 | 24 | 14 | 28 |
| 7 | 38.5 | 24 | 41 | 21 | 12 | 24 |
| 8 | 50.3 | 18 | 32 | 16 | 9 | 18 |
| 9 | 63.6 | 14 | 25 | 12 | 7 | 14 |
| 10 | 78.5 | 11 | 20 | 10 | 6 | 11 |

Power

| POWER CABLE CONDUCTOR CSA (mm ²) | CABLE FACTOR | COMPARTMENT A 1040mm ² | COMPARTMENT B | | | COMPARTMENT C 1040mm ² |
|--|--------------|--------------------------------------|------------------------------------|-------------------------------------|-------------------------------------|--------------------------------------|
| | | | 3590mm ² | 3590mm ² and 25mm box | 3590mm ² and 35mm box | |
| | | 45% Fill (468mm ²) | 45% Fill (1615mm ²) | 45% Fill (813mm ²) | 45% Fill (488mm ²) | 45% Fill (928mm ²) |
| 1.5 | 8.6 | 107 | 187 | 98 | 61 | 107 |
| 2.5 | 12.6 | 73 | 126 | 67 | 41 | 73 |
| 4 | 16.6 | 55 | 97 | 51 | 31 | 55 |
| 6 | 21.2 | 43 | 76 | 40 | 25 | 43 |

Specification for Elite Compact uPVC

Product

MEC3

Product Description

Elite Compact - 3 Compartment Perimeter Trunking

Product Dimensions

145 x 50mm Profile
3 Metre Length

Applicable Standards:

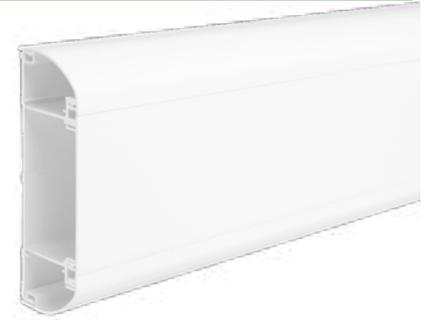
BS 6701:2016+A1:2017 (Telecommunications equipment and cabling)
ISO/IEC 11801 (ED2.0 Amd 2) (Generic cabling for customers premises)
Cenlec (BSEN50173 Part 1/2, BSEN50174-2) (Generic cabling and installation)
BS4678 Pt 4 (Cable Trunking)
BS7671 (IEE Regulations) (Wiring Regulations)

Product Specification

Description: 3 Compartment Perimeter Trunking
Material Compliance: ROHS & WEEE Compliant
Manufactured: Extruded from Pellets

Material Specification: (if applicable)

Description: A Calcium/Zinc stabilised, medium/high impact uPVC



| PROPERTY | Standard | UNITS | VALUE |
|--------------------------|------------------------|-------|-------|
| Specific Gravity | BS2782 620A | g/cc | 1.50 |
| Vicat Softening Point | BS2782 (B50) 1990 120B | °C | 78 |
| Tensile Strength @ Yield | BS2782 320A-F | MPa | 40 |

The above are typical test results and do not constitute any part of a specification

Colours:

MEC3 - Pure White MEC3LGL - Light grey centre lid
MEC3LG - Light Grey MEC3CHL - Charcoal centre lid
MEC3CH - Charcoal

Additional Finishes:

MEC3AM - Anti-Microbial

Base:

Pre Punched for wall mounting 200mm intervals

Walls:

Pre-Punched for wiring at 150mm intervals

Screening:

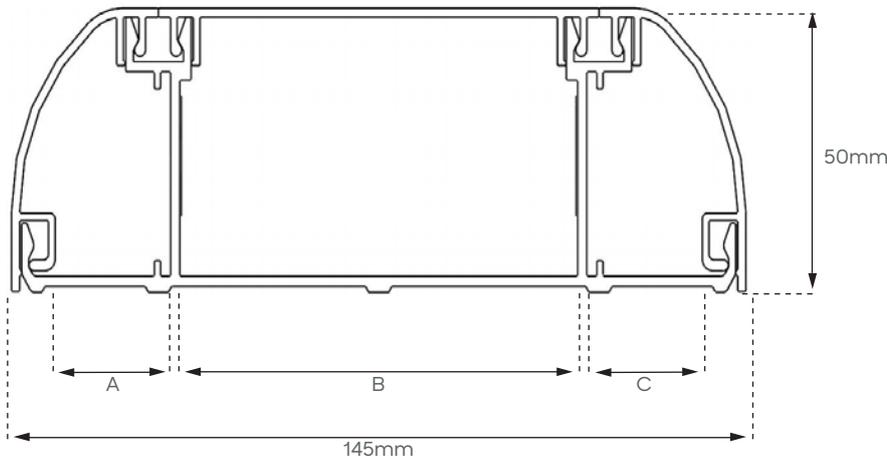
MEC3SD - Slide in steel screening dividers top and bottom
MEC3SDE - External angle screening divider

Lids:

MEC3AL - Elite Compact Top & bottom Curved Lid
MT3CL - Marco Universal Centre Lid

Elite Compact

Dimensions & Capacities for Elite Compact



Compartment width in (mm)

| A | B | C |
|------|------|------|
| 22.8 | 78.6 | 22.8 |

Data

| DATA CABLE DIAMETER (mm) | NOMINAL CSA (mm ²) | COMPARTMENT A 1040mm ² | COMPARTMENT B | | | COMPARTMENT C 1040mm ² |
|--------------------------|--------------------------------|-----------------------------------|---------------------------------|----------------------------------|----------------------------------|-----------------------------------|
| | | | 3590mm ² | 3950mm ² and 25mm box | 3590mm ² and 35mm box | |
| | | 45% Fill (468mm ²) | 45% Fill (1615mm ²) | 45% Fill (813mm ²) | 45% Fill (488mm ²) | 45% Fill (468mm ²) |
| 5 | 19.6 | 24 | 82 | 41 | 24 | 24 |
| 5.5 | 23.8 | 20 | 67 | 34 | 20 | 20 |
| 6 | 28.3 | 17 | 57 | 28 | 17 | 17 |
| 6.5 | 33.2 | 14 | 48 | 24 | 14 | 14 |
| 7 | 38.5 | 12 | 41 | 21 | 12 | 12 |
| 8 | 50.3 | 9 | 32 | 16 | 9 | 9 |
| 9 | 63.6 | 7 | 25 | 12 | 7 | 7 |
| 10 | 78.5 | 6 | 20 | 10 | 6 | 6 |

Power

| POWER CABLE CONDUCTOR CSA (mm ²) | CABLE FACTOR | COMPARTMENT A 1040mm ² | COMPARTMENT B | | | COMPARTMENT C 1040mm ² |
|--|--------------|-----------------------------------|---------------------------------|----------------------------------|----------------------------------|-----------------------------------|
| | | | 3590mm ² | 3590mm ² and 25mm box | 3590mm ² and 35mm box | |
| | | 45% Fill (468mm ²) | 45% Fill (1615mm ²) | 45% Fill (813mm ²) | 45% Fill (488mm ²) | 45% Fill (928mm ²) |
| 1.5 | 8.6 | 53 | 187 | 98 | 61 | 53 |
| 2.5 | 12.6 | 36 | 126 | 67 | 41 | 36 |
| 4 | 16.6 | 27 | 97 | 51 | 31 | 27 |
| 6 | 21.2 | 21 | 76 | 40 | 25 | 21 |

Specification for Elite 60 uPVC

Product

MT60

Product Description

Elite 60 - 3 Compartment Perimeter Trunking

Product Dimensions

200 x 63mm Profile
3 Metre Length

Applicable Standards:

BS 6701:2016+A1:2017 (Telecommunications equipment and cabling)
ISO/IEC 11801 (ED2.0 Amd 2) (Generic cabling for customers premises)
Cenlec (BSEN50173 Part 1/2, BSEN50174-2) (Generic cabling and installation)
BS4678 Pt 4 (Cable Trunking)
BS7671 (IEE Regulations) (Wiring Regulations)

Product Specification

Description: 3 Compartment Perimeter Trunking
Material Compliance: ROHS & WEEE Compliant
Manufactured: Extruded from Pellets

Material Specification: (if applicable)

Description: A Calcium/Zinc stabilised, medium/high impact uPVC

| PROPERTY | Standard | UNITS | VALUE |
|--------------------------|------------------------|-------|-------|
| Specific Gravity | BS2782 620A | g/cc | 1.50 |
| Vicat Softening Point | BS2782 (B50) 1990 120B | °C | 78 |
| Tensile Strength @ Yield | BS2782 320A-F | MPa | 40 |

The above are typical test results and do not constitute any part of a specification

Colours:

MT60 - Pure White MT60LGL - Light grey centre lid
MT60LG - Light Grey MT60CHL - Charcoal centre lid
MT60CH - Charcoal

Additional Finishes:

MT60AM - Anti-Microbial

Base:

Pre Punched for wall mounting 200mm intervals

Walls:

Pre-Punched for wiring at 150mm intervals

Screening:

MT60SD - Slide in steel screening dividers top and bottom
MT60SDE - External angle screening divider

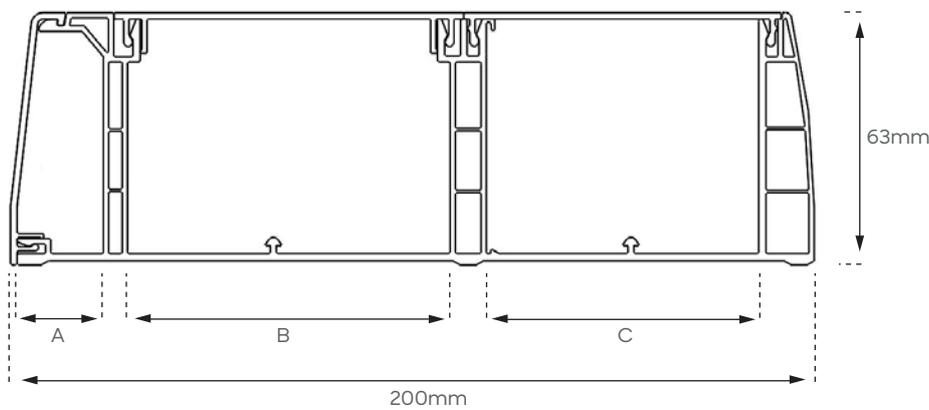
Lids:

MT60AL - Elite 60 Top & bottom Curved Lid
MT3CL - Marco Universal Centre Lid



Elite 60

Dimensions & Capacities for Elite 60



Compartment width in (mm)

| A | B | C |
|------|----|------|
| 21.5 | 90 | 67.5 |

Elite Range

Data

| DATA CABLE DIAMETER (mm) | NOMINAL CSA (mm ²) | COMPARTMENT A 1052mm ² | COMPARTMENT B | | | | COMPARTMENT C 3970mm ² |
|--------------------------|--------------------------------|--------------------------------------|---------------------------------|--|--|--|--------------------------------------|
| | | | 4609mm ² | 4609mm ² and 25mm back box (2911mm ²) | 4609mm ² and 35mm back box (2188mm ²) | 4609mm ² and 50mm back box (1105mm ²) | |
| | | 45% Fill (473mm ²) | 45% Fill (2074mm ²) | 45% Fill (1309mm ²) | 45% Fill (984mm ²) | 45% Fill (497mm ²) | 45% Fill (1786mm ²) |
| 5 | 19.6 | 24 | 105 | 66 | 50 | 25 | 91 |
| 5.5 | 23.8 | 19 | 87 | 55 | 41 | 20 | 75 |
| 6 | 28.3 | 26 | 73 | 46 | 34 | 17 | 63 |
| 6.5 | 33.2 | 14 | 62 | 39 | 29 | 14 | 53 |
| 7 | 38.5 | 12 | 53 | 34 | 25 | 12 | 46 |
| 8 | 50.3 | 9 | 41 | 26 | 19 | 9 | 35 |
| 9 | 63.6 | 7 | 32 | 20 | 15 | 7 | 28 |
| 10 | 78.5 | 6 | 26 | 16 | 12 | 6 | 22 |

Power

| POWER CABLE CONDUCTOR CSA(mm) | CABLE FACTOR | COMPARTMENT A 1052mm ² | COMPARTMENT B | | | | COMPARTMENT C 3970mm ² |
|-------------------------------|--------------|--------------------------------------|---------------------------------|--|--|--|--------------------------------------|
| | | | 4609mm ² | 4609mm ² and 25mm back box (2911mm ²) | 4609mm ² and 35mm back box (2188mm ²) | 4609mm ² and 50mm back box (1105mm ²) | |
| | | 45% Fill (473mm ²) | 45% Fill (2074mm ²) | 45% Fill (1309mm ²) | 45% Fill (984mm ²) | 45% Fill (497mm ²) | 45% Fill (1786mm ²) |
| 5 | 8.6 | 55 | 241 | 152 | 114 | 57 | 207 |
| 5.5 | 12.6 | 37 | 162 | 103 | 78 | 39 | 139 |
| 6 | 16.6 | 28 | 124 | 78 | 59 | 29 | 107 |
| 6.5 | 21.2 | 22 | 97 | 61 | 46 | 23 | 84 |

Specification for Apollo 3 uPVC

Product

MTD3, MTDQ3, MTS3

Product Description

Dado - Apollo 3 compartment perimeter trunking
 Square - Apollo 3 compartment perimeter trunking
 Skirting - Apollo 3 compartment perimeter trunking



Product Dimensions

170 x 50mm Profile
 3 metre Length

Applicable Standards:

BS 6701:2016+A1:2017 (Telecommunications equipment and cabling)
 ISO/IEC 11801 (ED2.0 Amd 2) (Generic cabling for customers premises)
 Cenlec (BSEN50173 Part 1/2, BSEN50174-2) (Generic cabling and installation)
 BS4678 Pt 4 (Cable Trunking)
 BS7671 (IEE Regulations) (Wiring Regulations)

Product Specification

Description: 3 Compartment Perimeter Trunking for Dado & Skirting Mounting
 Material Compliance: ROHS & WEEE Compliant
 Manufactured: Extruded from Pellets

Material Specification: (if applicable)

Description: A Calcium/Zinc stabilised, medium/high impact uPVC

| PROPERTY | Standard | UNITS | VALUE |
|--------------------------|------------------------|-------|-------|
| Specific Gravity | BS2782 620A | g/cc | 1.50 |
| Vicat Softening Point | BS2782 (B50) 1990 120B | °C | 78 |
| Tensile Strength @ Yield | BS2782 320A-F | MPa | 40 |

The above are typical test results and do not constitute any part of a specification

Colours:

MTD3 - Pure White MTD3LGL - Light grey centre lid
 MTD3LG - Light Grey MTD3CHL - Charcoal centre lid
 MTD3CH - Charcoal

Additional Finishes:

MTD3AM - Anti-Microbial

*Replace MTD3 with MTDQ3 for Square or MTS3 for Skirting

Base:

Pre Punched for wall mounting 200mm intervals

Screening:

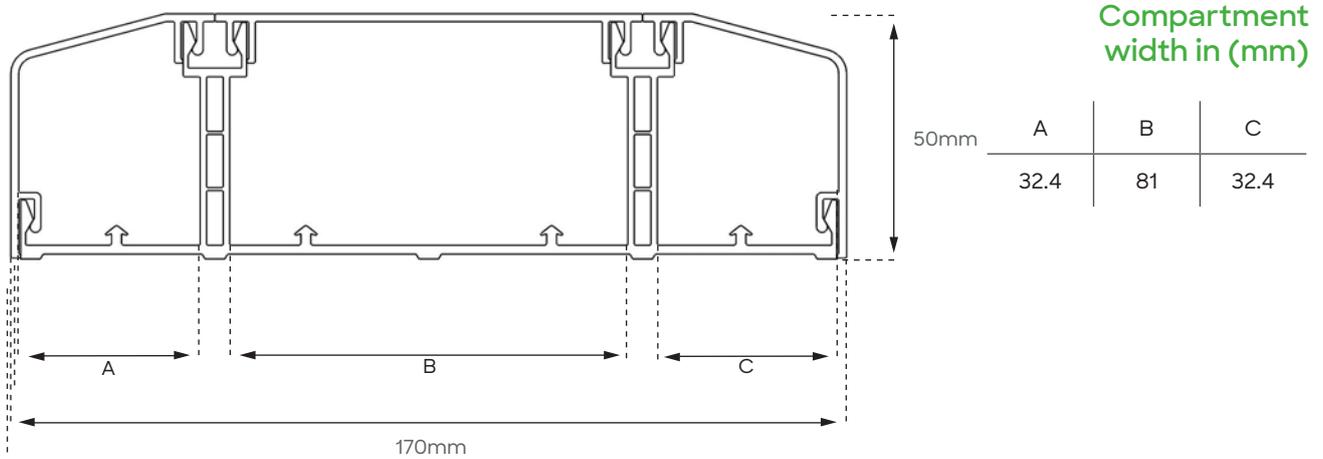
MTAS - Slide in steel screening dividers top and bottom
 MTD105 - External angle screening divider

Lids:

MTD3AL - Apollo Chamfered Lid
 MTD3SL - Apollo Square Lid
 MT3CL - Marco Universal Centre Lid

Apollo 3 Dado

Dimensions & Capacities for Apollo 3 Dado



Data

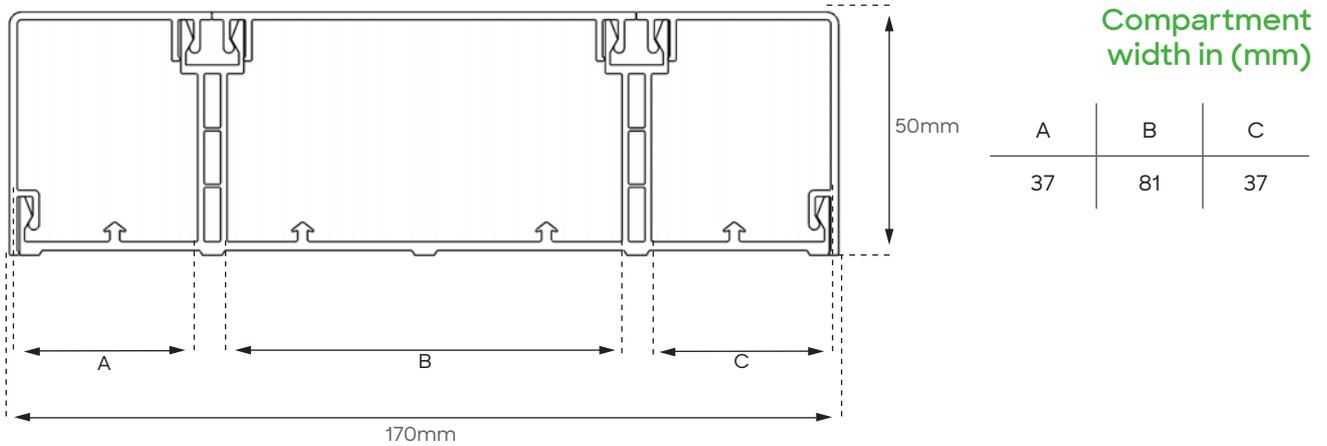
| DATA CABLE DIAMETER (mm) | NOMINAL CSA (mm ²) | COMPARTMENT A 1470mm ² | COMPARTMENT B | | | COMPARTMENT C 1470mm ² |
|--------------------------|--------------------------------|-----------------------------------|-----------------------------------|--|--|-----------------------------------|
| | | | 3590mm ² | 3590mm ² and 25mm back box (1891mm ²) | 3590mm ² and 35mm back box (1170mm ²) | |
| | | 45% Fill (661.5mm ²) | 45% Fill (1615.5mm ²) | 45% Fill (851mm ²) | 45% Fill (526mm ²) | 45% Fill (661.5mm ²) |
| 5 | 19.6 | 33 | 82 | 43 | 26 | 33 |
| 5.5 | 23.8 | 27 | 67 | 35 | 22 | 27 |
| 6 | 28.3 | 23 | 57 | 30 | 18 | 23 |
| 6.5 | 33.2 | 19 | 48 | 25 | 15 | 19 |
| 7 | 38.5 | 17 | 41 | 22 | 13 | 17 |

Power

| POWER CABLE CONDUCTOR CSA(mm ²) | CABLE FACTOR | COMPARTMENT A 1470mm ² | COMPARTMENT B | | | COMPARTMENT C 1040mm ² |
|---|--------------|-----------------------------------|-----------------------------------|--|--|-----------------------------------|
| | | | 3590mm ² | 3590mm ² and 25mm back box (1891mm ²) | 3590mm ² and 35mm back box (1170mm ²) | |
| | | 45% Fill (661.5mm ²) | 45% Fill (1615.5mm ²) | 45% Fill (851mm ²) | 45% Fill (526mm ²) | 45% Fill (661.5mm ²) |
| 1.5 | 8.6 | 76 | 187 | 98 | 61 | 76 |
| 2.5 | 12.6 | 51 | 126 | 67 | 41 | 51 |
| 4 | 16.6 | 39 | 97 | 51 | 31 | 39 |
| 6 | 21.2 | 31 | 76 | 40 | 25 | 31 |

Apollo 3 Square

Dimensions & Capacities for Apollo 3 Square



Data

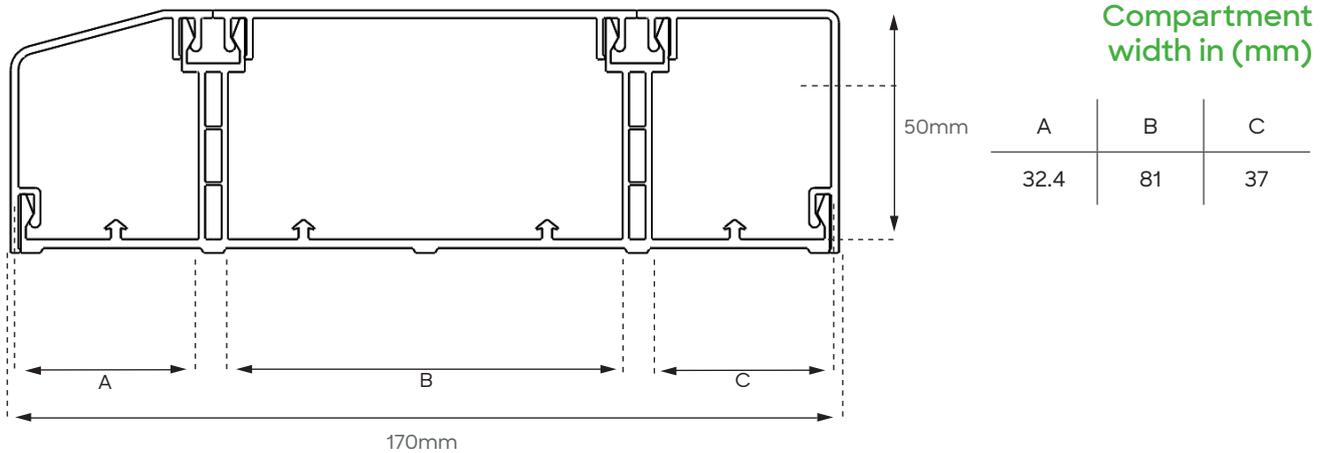
| DATA CABLE DIAMETER (mm) | NOMINAL CSA (mm ²) | COMPARTMENT A 1470mm ² | COMPARTMENT B | | | COMPARTMENT C 1595mm ² |
|--------------------------|--------------------------------|--------------------------------------|-----------------------------------|--|--|--------------------------------------|
| | | | 3590mm ² | 3590mm ² and 25mm back box (1891mm ²) | 3590mm ² and 35mm back box (1170mm ²) | |
| | | 45% Fill (661.5mm ²) | 45% Fill (1615.5mm ²) | 45% Fill (851mm ²) | 45% Fill (526mm ²) | 45% Fill (716mm ²) |
| 5 | 19.6 | 36 | 82 | 43 | 26 | 36 |
| 5.5 | 23.8 | 30 | 67 | 35 | 22 | 30 |
| 6 | 28.3 | 25 | 57 | 30 | 18 | 25 |
| 6.5 | 33.2 | 21 | 48 | 25 | 15 | 21 |
| 7 | 38.5 | 18 | 41 | 22 | 13 | 18 |

Power

| POWER CABLE CONDUCTOR CSA(mm ²) | CABLE FACTOR | COMPARTMENT A 1595mm ² | COMPARTMENT B | | | COMPARTMENT C 1595mm ² |
|---|--------------|--------------------------------------|-----------------------------------|--|--|--------------------------------------|
| | | | 3590mm ² | 3590mm ² and 25mm back box (1891mm ²) | 3590mm ² and 35mm back box (1170mm ²) | |
| | | 45% Fill (716mm ²) | 45% Fill (1615.5mm ²) | 45% Fill (851mm ²) | 45% Fill (526mm ²) | 45% Fill (716mm ²) |
| 1.5 | 8.6 | 83 | 187 | 98 | 61 | 83 |
| 2.5 | 12.6 | 55 | 126 | 67 | 41 | 55 |
| 4 | 16.6 | 43 | 97 | 51 | 31 | 43 |
| 6 | 21.2 | 33 | 76 | 40 | 25 | 33 |

Apollo 3 Skirting

Dimensions & Capacities for Apollo 3 Skirting



Data

| DATA CABLE DIAMETER (mm) | NOMINAL CSA (mm ²) | COMPARTMENT A 1470mm ² | COMPARTMENT B | | | COMPARTMENT C 1591mm ² |
|--------------------------|--------------------------------|--------------------------------------|-----------------------------------|--|--|--------------------------------------|
| | | | 3590mm ² | 3590mm ² and 25mm back box (1891mm ²) | 3590mm ² and 35mm back box (1170mm ²) | |
| | | 45% Fill (661.5mm ²) | 45% Fill (1615.5mm ²) | 45% Fill (851mm ²) | 45% Fill (526mm ²) | 45% Fill (716mm ²) |
| 5 | 19.6 | 33 | 82 | 43 | 26 | 36 |
| 5.5 | 23.8 | 27 | 67 | 35 | 22 | 30 |
| 6 | 28.3 | 23 | 57 | 30 | 18 | 25 |
| 6.5 | 33.2 | 19 | 48 | 25 | 15 | 21 |
| 7 | 38.5 | 17 | 41 | 22 | 13 | 18 |

Power

| POWER CABLE CONDUCTOR CSA(mm ²) | CABLE FACTOR | COMPARTMENT A 1595mm ² | COMPARTMENT B | | | COMPARTMENT C 1591mm ² |
|---|--------------|--------------------------------------|-----------------------------------|--|--|--------------------------------------|
| | | | 3590mm ² | 3590mm ² and 25mm back box (1891mm ²) | 3590mm ² and 35mm back box (1170mm ²) | |
| | | 45% Fill (716mm ²) | 45% Fill (1615.5mm ²) | 45% Fill (851mm ²) | 45% Fill (526mm ²) | 45% Fill (716mm ²) |
| 1.5 | 8.6 | 76 | 187 | 98 | 61 | 83 |
| 2.5 | 12.6 | 51 | 126 | 67 | 41 | 55 |
| 4 | 16.6 | 39 | 97 | 51 | 31 | 43 |
| 6 | 21.2 | 31 | 76 | 40 | 25 | 33 |

Apollo Range

Specification for Apollo 4 uPVC

Product

MTD4, MTDQ4, MTS4

Product Description

Dado - Apollo 4 compartment perimeter trunking
 Square - Apollo 4 compartment perimeter trunking
 Skirting - Apollo 4 compartment perimeter trunking

Product Dimensions

257 x 50mm Profile
 3 metre Length

Applicable Standards:

BS 6701:2016+A1:2017 (Telecommunications equipment and cabling)
 ISO/IEC 11801 (ED2.0 Amd 2) (Generic cabling for customers premises)
 Cenlec (BSEN50173 Part 1/2, BSEN50174-2) (Generic cabling and installation)
 BS4678 Pt 4 (Cable Trunking)
 BS7671 (IEE Regulations) (Wiring Regulations)

Product Specification

Description: 4 Compartment Perimeter Trunking for Dado & Skirting Mounting
 Material Compliance: ROHS & WEEE Compliant
 Manufactured: Extruded from Pellets

Material Specification: (if applicable)

Description: A Calcium/Zinc stabilised, medium/high impact uPVC

| PROPERTY | Standard | UNITS | VALUE |
|--------------------------|------------------------|-------|-------|
| Specific Gravity | BS2782 620A | g/cc | 1.50 |
| Vicat Softening Point | BS2782 (B50) 1990 120B | °C | 78 |
| Tensile Strength @ Yield | BS2782 320A-F | MPa | 40 |

The above are typical test results and do not constitute any part of a specification

Colours:

MTD4 - Pure White MTD4LGL - Light grey centre lid
 MTD4LG - Light Grey MTD4CHL - Charcoal centre lid
 MTD4CH - Charcoal

Additional Finishes:

MTD4AM - Anti-Microbial

*Replace MTD4 with MTDQ4 for Square or MTS4 for Skirting

Base:

Prepunched for wall mounting 200mm intervals

Screening:

MTAS - Slide in steel screening dividers top and bottom

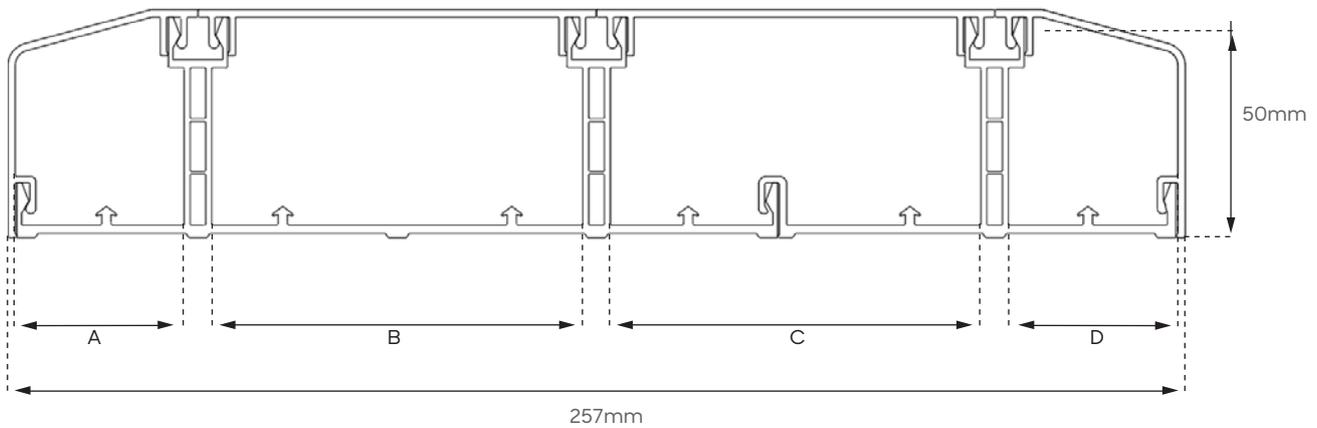
Lids:

MTD3AL - Apollo Chamfered Lid
 MTD3SL - Apollo Square Lid
 MT3CL - Atkore Marco Universal Centre Lid



Apollo 4 Dado

Dimensions & Capacities for Apollo 4 Dado



Compartment width in (mm)

| A | B | C | D |
|------|----|----|------|
| 32.4 | 81 | 81 | 32.4 |

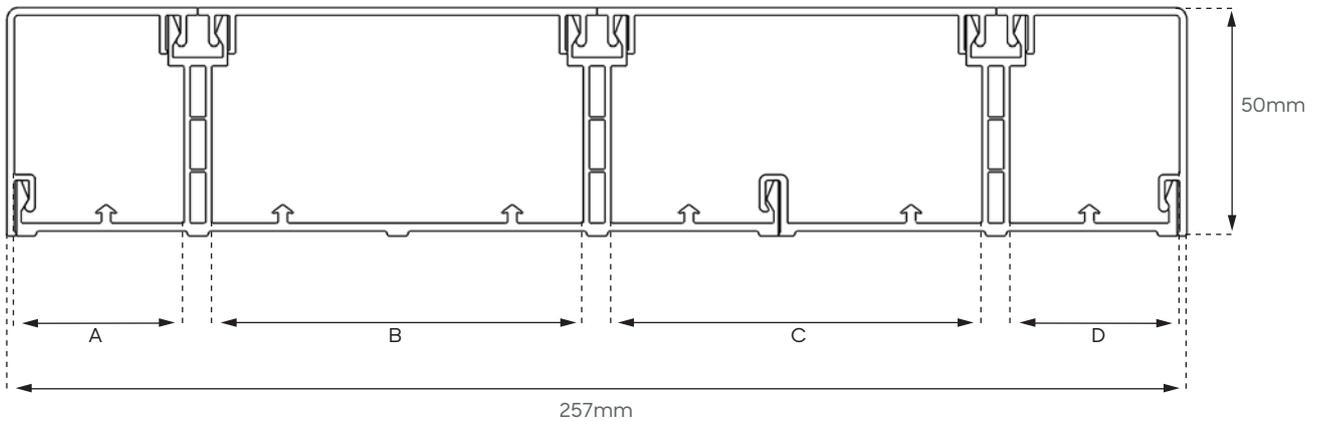
Data

| DATA CABLE DIAMETER (mm) | NOMINAL CSA (mm ²) | COMPARTMENT A 1470mm ² | COMPARTMENT B AND C | | | COMPARTMENT D 1470mm ² |
|--------------------------|--------------------------------|--------------------------------------|-----------------------------------|--|--|--------------------------------------|
| | | | 3590mm ² | 3590mm ² and 25mm back box (1891mm ²) | 3590mm ² and 35mm back box (1170mm ²) | |
| | | 45% Fill (661.5mm ²) | 45% Fill (1615.5mm ²) | 45% Fill (851mm ²) | 45% Fill (526mm ²) | 45% Fill (661.5mm ²) |
| 5 | 19.6 | 33 | 82 | 43 | 26 | 33 |
| 5.5 | 23.8 | 27 | 67 | 35 | 22 | 27 |
| 6 | 28.3 | 23 | 57 | 30 | 18 | 23 |
| 6.5 | 33.2 | 19 | 48 | 25 | 15 | 19 |
| 7 | 38.5 | 17 | 41 | 22 | 13 | 17 |

Power

| POWER CABLE CONDUCTOR CSA(mm ²) | CABLE FACTOR | COMPARTMENT A 1470mm ² | COMPARTMENT B AND C | | | COMPARTMENT C 1040mm ² |
|---|--------------|--------------------------------------|-----------------------------------|--|--|--------------------------------------|
| | | | 3590mm ² | 3590mm ² and 25mm back box (1891mm ²) | 3590mm ² and 35mm back box (1170mm ²) | |
| | | 45% Fill (661.5mm ²) | 45% Fill (1615.5mm ²) | 45% Fill (851mm ²) | 45% Fill (526mm ²) | 45% Fill (661.5mm ²) |
| 1.5 | 8.6 | 76 | 187 | 98 | 61 | 76 |
| 2.5 | 12.6 | 51 | 126 | 67 | 41 | 51 |
| 4 | 16.6 | 39 | 97 | 51 | 31 | 39 |
| 6 | 21.2 | 31 | 76 | 40 | 25 | 31 |

Dimensions & Capacities for Apollo 4 Square



Compartment width in (mm)

| A | B | C | D |
|----|----|----|----|
| 37 | 81 | 81 | 37 |

Data

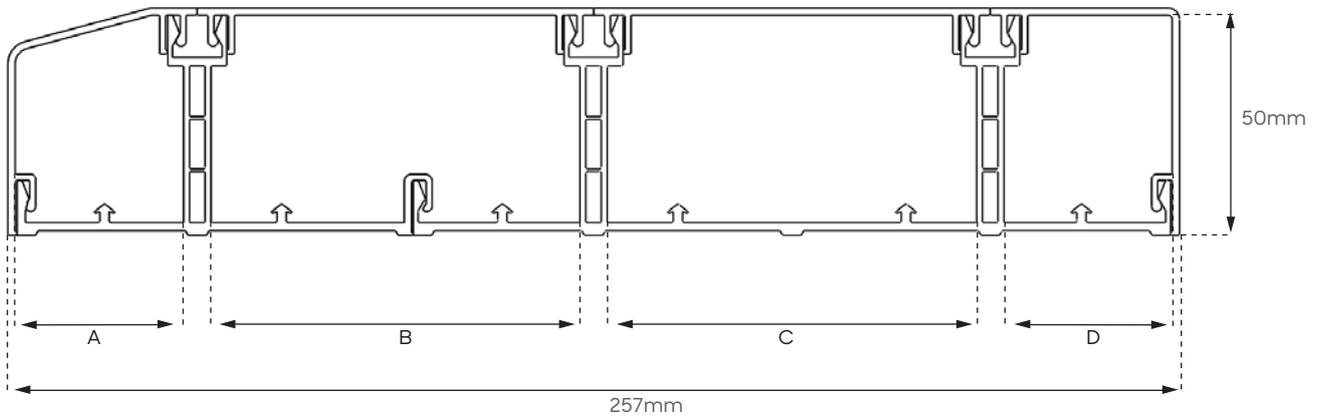
| DATA CABLE DIAMETER (mm) | NOMINAL CSA (mm ²) | COMPARTMENT A 1595mm ² | COMPARTMENT B AND C | | | COMPARTMENT D 1595mm ² |
|--------------------------|--------------------------------|--------------------------------------|-----------------------------------|--|--|--------------------------------------|
| | | | 3590mm ² | 3590mm ² and 25mm back box (1891mm ²) | 3590mm ² and 35mm back box (1170mm ²) | |
| | | 45% Fill (716mm ²) | 45% Fill (1615.5mm ²) | 45% Fill (851mm ²) | 45% Fill (526mm ²) | 45% Fill (716mm ²) |
| 5 | 19.6 | 36 | 82 | 43 | 26 | 36 |
| 5.5 | 23.8 | 30 | 67 | 35 | 22 | 30 |
| 6 | 28.3 | 25 | 57 | 30 | 18 | 25 |
| 6.5 | 33.2 | 21 | 48 | 25 | 15 | 21 |
| 7 | 38.5 | 18 | 41 | 22 | 13 | 18 |

Power

| POWER CABLE CONDUCTOR CSA(mm ²) | CABLE FACTOR | COMPARTMENT A 1595mm ² | COMPARTMENT B AND C | | | COMPARTMENT D 1595mm ² |
|---|--------------|--------------------------------------|-----------------------------------|--|--|--------------------------------------|
| | | | 3590mm ² | 3590mm ² and 25mm back box (1891mm ²) | 3590mm ² and 35mm back box (1170mm ²) | |
| | | 45% Fill (716mm ²) | 45% Fill (1615.5mm ²) | 45% Fill (851mm ²) | 45% Fill (526mm ²) | 45% Fill (716mm ²) |
| 1.5 | 8.6 | 83 | 187 | 98 | 61 | 83 |
| 2.5 | 12.6 | 55 | 126 | 67 | 41 | 55 |
| 4 | 16.6 | 43 | 97 | 51 | 31 | 43 |
| 6 | 21.2 | 33 | 76 | 40 | 25 | 33 |

Apollo 4 Skirting

Dimensions & Capacities for Apollo 4 Skirting



Compartment width in (mm)

| A | B | C | D |
|------|----|----|----|
| 32.4 | 81 | 81 | 37 |

Data

| DATA CABLE DIAMETER (mm) | NOMINAL CSA (mm ²) | COMPARTMENT A 1470mm ² | COMPARTMENT B | | | COMPARTMENT C 1591mm ² |
|--------------------------|--------------------------------|--------------------------------------|-----------------------------------|--|--|--------------------------------------|
| | | | 3590mm ² | 3590mm ² and 25mm back box (1891mm ²) | 3590mm ² and 35mm back box (1170mm ²) | |
| | | 45% Fill (661.5mm ²) | 45% Fill (1615.5mm ²) | 45% Fill (851mm ²) | 45% Fill (526mm ²) | 45% Fill (716mm ²) |
| 5 | 19.6 | 33 | 82 | 43 | 26 | 36 |
| 5.5 | 23.8 | 27 | 67 | 35 | 22 | 30 |
| 6 | 28.3 | 23 | 57 | 30 | 18 | 25 |
| 6.5 | 33.2 | 19 | 48 | 25 | 15 | 21 |
| 7 | 38.5 | 17 | 41 | 22 | 13 | 18 |

Power

| POWER CABLE CONDUCTOR CSA(mm ²) | CABLE FACTOR | COMPARTMENT A 1595mm ² | COMPARTMENT B | | | COMPARTMENT C 1591mm ² |
|---|--------------|--------------------------------------|-----------------------------------|--|--|--------------------------------------|
| | | | 3590mm ² | 3590mm ² and 25mm back box (1891mm ²) | 3590mm ² and 35mm back box (1170mm ²) | |
| | | 45% Fill (716mm ²) | 45% Fill (1615.5mm ²) | 45% Fill (851mm ²) | 45% Fill (526mm ²) | 45% Fill (716mm ²) |
| 1.5 | 8.6 | 76 | 187 | 98 | 61 | 83 |
| 2.5 | 12.6 | 51 | 126 | 67 | 41 | 55 |
| 4 | 16.6 | 39 | 97 | 51 | 31 | 43 |
| 6 | 21.2 | 31 | 76 | 40 | 25 | 33 |

Specification for Juno uPVC

Product

MT105

Product Description

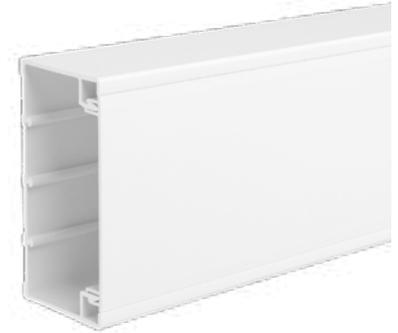
Juno - 1 Compartment Perimeter Trunking

Product Dimensions

100 x 50mm Profile
3 metre Length

Applicable Standards:

BS 6701:2016+A1:2017 (Telecommunications equipment and cabling)
ISO/IEC 11801 (ED2.0 Amd 2) (Generic cabling for customers premises)
Cenlec (BSEN50173 Part 1/2, BSEN50174-2) (Generic cabling and installation)
BS4678 Pt 4 (Cable Trunking)
BS7671 (IEE Regulations) (Wiring Regulations)



Product Specification

Description: 1 Compartment Perimeter Trunking
Material Compliance: ROHS & WEEE Compliant
Manufactured: Extruded from Pellets

Material Specification: (if applicable)

Description: A Calcium/Zinc stabilised, medium/high impact uPVC

| PROPERTY | Standard | UNITS | VALUE |
|--------------------------|------------------------|-------|-------|
| Specific Gravity | BS2782 620A | g/cc | 1.50 |
| Vicat Softening Point | BS2782 (B50) 1990 120B | °C | 78 |
| Tensile Strength @ Yield | BS2782 320A-F | MPa | 40 |

The above are typical test results and do not constitute any part of a specification

Colours:

MT105 - Pure White MT105LGL - Light Grey Lid
MT105CH - Charcoal MT105CHL - Charcoal Lid

Additional Finishes:

MT105AM - Anti-Microbial

Base:

Prepunched for wall mounting 200mm intervals

Screening:

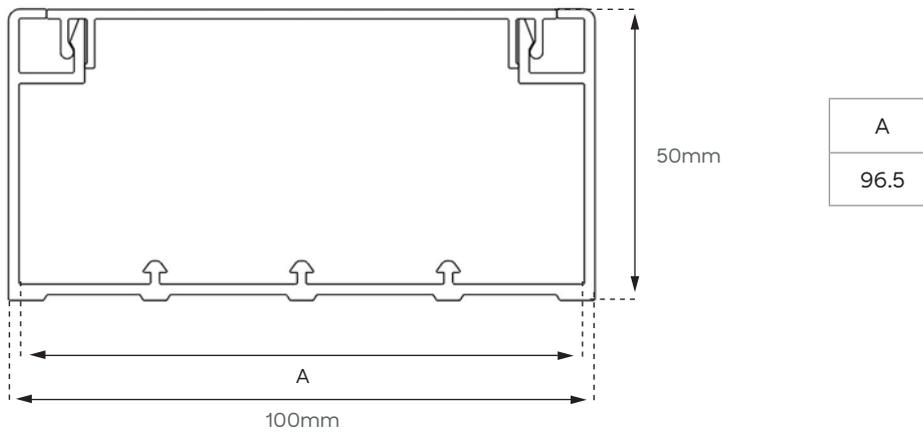
MTAS - Slide in steel screening dividers top and bottom

Lids:

MT3CL - Atkore Marco Universal Centre Lid

Juno

Dimensions & Capacities for Juno



Compartment width in (mm)

Data

| DATA CABLE DIAMETER (mm) | NOMINAL CSA (mm ²) | COMPARTMENT A | | |
|--------------------------|--------------------------------|---------------------------------|--|--|
| | | 4120mm ² | 4116mm ² and 25mm back box (2420mm ²) | 4116mm ² and 35mm back box (1700mm ²) |
| | | 45% Fill (1825mm ²) | 45% Fill (1089mm ²) | 45% Fill (765mm ²) |
| 5 | 19.6 | 94 | 55 | 39 |
| 5.5 | 23.8 | 77 | 45 | 32 |
| 6 | 28.3 | 65 | 38 | 27 |
| 6.5 | 33.2 | 55 | 32 | 23 |
| 7 | 38.5 | 48 | 28 | 19 |

Power

| POWER CABLE CONDUCTOR CSA(mm ²) | CABLE FACTOR | COMPARTMENT A | | |
|---|--------------|---------------------------------|--|--|
| | | 4120mm ² | 4116mm ² and 25mm back box (2420mm ²) | 4116mm ² and 35mm back box (1700mm ²) |
| | | 45% Fill (1825mm ²) | 45% Fill (1089mm ²) | 45% Fill (765mm ²) |
| 1.5 | 8.6 | 215 | 126 | 88 |
| 2.5 | 12.6 | 144 | 85 | 59 |
| 4 | 16.6 | 111 | 65 | 46 |
| 6 | 21.2 | 87 | 51 | 36 |

Specification for Mini uPVC

Product Code

| | |
|-----|------|
| MM1 | MMS1 |
| MM2 | MMS2 |
| MM3 | MMS3 |
| MM4 | MMS4 |

Product Description

Mini Trunking, 4-sizes, standard and self-adhesive

Product Dimensions

| | |
|-----|-----------|
| MM1 | - 16 x 16 |
| MM2 | - 25 x 16 |
| MM3 | - 38 x 16 |
| MM4 | - 38 x 25 |

Applicable Standards:

BS 6701:2016+A1:2017 (Telecommunications equipment and cabling)
 ISO/IEC 11801 (ED2.0 Amd 2) (Generic cabling for customers premises)
 Cenlec (BSEN50173 Part 1/2, BSEN50174-2) (Generic cabling and installation)
 BS4678 Pt 4 (Cable Trunking)
 BS7671 (IEE Regulations) (Wiring Regulations)

Product Specification:

| | |
|----------------------|----------------------------------|
| Description: | 1 Compartment Perimeter Trunking |
| Material Compliance: | ROHS & WEEE Compliant |
| Manufactured: | Extruded from Pellets |

Material Specification: (if applicable)

| | |
|--------------|---|
| Description: | A Calcium/Zinc stabilised, medium/high impact uPVC. |
|--------------|---|

| PROPERTY | Standard | UNITS | VALUE |
|----------------------------|------------------------|-------------------|-------|
| Density | ISO 1183-1 | kg/m ³ | 1425 |
| Vicat Softening Point | BS2782 (B50) 1990 120B | °C | 75 |
| Tensile Strength @ Yield | BS2782 320A-F | MPa | 48.5 |
| Elongation at break | ISO R527 | % | 40 |
| Flexural Strength | ISO 178 | MPa | 67 |
| Flexural Modulus | ISO 178 | GPa | 2.5 |
| Izod Impat Strength @ 23°C | ISO 180 | KJ/m ² | 9 |
| Melt Flow Index | ASTM D1238 | g/10min | 45 |

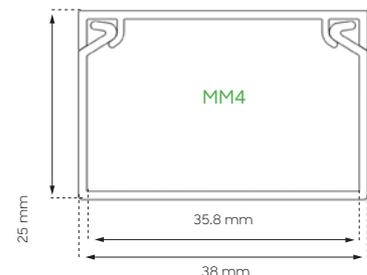
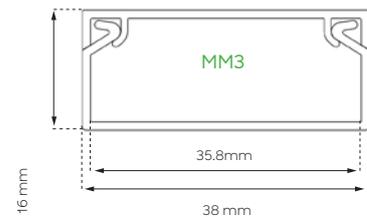
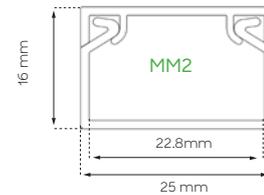
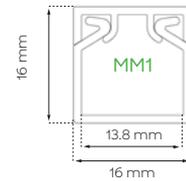
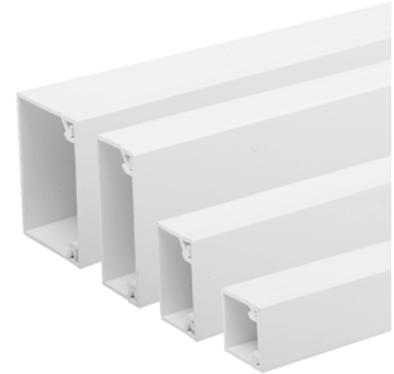
The above are typical test results and do not constitute any part of a specification

Colours:

| | |
|-----|--------------|
| MM1 | - Pure White |
| MM2 | - Pure White |
| MM3 | - Pure White |
| MM4 | - Pure White |

Additional Finishes:

| | |
|------|-----------------|
| MMS1 | - Self Adhesive |
| MMS2 | - Self Adhesive |
| MMS3 | - Self Adhesive |
| MMS4 | - Self Adhesive |



Maxi

Specification for Maxi uPVC

Product Code

MMT50
MMT75
MMT100

Product Description

Maxi Trunking, 3 size uPVC trunking

Product Dimensions

MMT50 - 50 x 50mm
MMT75 - 75 x 75mm
MMT100 - 100 x 100mm

Colours:

Pure White



Applicable Standards:

BS 4678 Part 4
BS 7671 (17th Edition IEE regs)
BS 6701, ANSI/TIA/EIA 568B, ISO IEC 11801 (ED 2.0)

Product Specification:

Description: 1 Compartment Perimeter Trunking
Material Compliance: ROHS & WEEE Compliant
Manufactured: Extruded from Pellets

Material Specification: (if applicable)

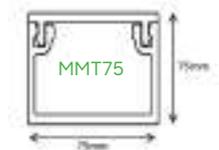
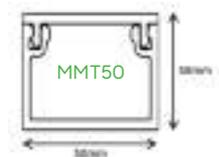
Description: Flame retardant uPVC

Softening Point:

BS 2782 Method 120B

Thermal Properties:

Coefficient of linear expansion: 7.0 x 10⁻⁵°C to 60°C



Cable Capacity:

Nominal cross section area based on 45% capacity: 930mm²

| TYPE OF CONDUCTOR | CONDUCTOR CROSS-SECTIONAL AREA MM ² | FACTOR |
|-------------------|--|--------|
| Solid | 1.5 | 7.1 |
| | 2.5 | 10.2 |
| | 1.5 | 8.1 |
| Stranded | 2.5 | 11.4 |
| | 4 | 15.2 |
| | 6 | 22.9 |
| | 10 | 36.3 |

For each cable used, obtain cable factors from this table and add all factors together, comparing them to the capacities given.

Any trunking with a space factor equal or greater than that of the cables, will comfortably house cabling requirements.

Aluminium Bench Systems

Desktop Solutions from
Atkore Marco

BENCH TRUNKING CONTENTS

| Contents | Page Number |
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| About Aluminium Bench Trunking | 268 |
| Standard Range | 269 |
| Accessories | 270 |
| Bench Trunking Units | 271 |
| Bench Trunking Specification | 272 |

Aluminium Bench Trunking

Desktop Cable Management

Bench Trunking is manufactured from satin anodised aluminium and is fitted with a **white uPVC centre lid**. Available in both anodised aluminium and white powder-coated finishes, Atkore Marco's Bench Trunking systems are the perfect solution for environments where a robust solution is required.

Bench Trunking is available as **Individual Lengths**, **Back-to-Back** lengths and as a variety of **Pre-Assembled Units**, ideal for island workstations or modular builds.

A full range of moulded and fabricated fittings is available, and both 35 and 25mm back boxes can be installed at any point along the system. Optional 2-metre clip-in dividers (MTD1052) are available for segregation of power and data cabling.

MTBT

Bench Trunking



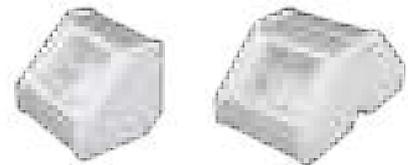
MTBT-BB

Back-to-Back Lengths



MTBU

Bench Units



Key Features



DDA & Part M

Bench Trunking is also able to accommodate contrasting centre lids and socket plates, perfect for use in schools and labs.



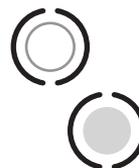
Strong & Secure

The aluminium body used for Atkore Marco's Bench Trunking keeps the product sturdy and strong. Perfect for installations where heavy use is expected.



100 x 100mm Profile

Designed for capacity, Bench Trunking has a large main compartment which can be split in to multiple compartments if required.



2 Colours Available

MTBT Bench Trunking system is available in Silver and White. Silver systems have a brushed aluminium finish, white systems have a powder coated finish.

Bench systems meet and exceed the requirements for BS 4678, BS 7671, BS 6701, ISO/IEC 1181 (ED2.0 Amd 2), and Cenlec (BS EN 50173 Part 1/2, BS EN 50174-2) standards.

Aluminium Bench Trunking

Desktop Cable Management

Bench Trunking

Available in both anodised aluminium and white powder coated finishes making it a suitable choice for a number of environments.

Bench Trunking is suitable for desk, bench or worktop applications, and can also be installed on the underside of shelving if required.

Bench Trunking can accept 25mm and 35mm socket boxes and has a range of complementing accessories to suit.

Bench Trunking is available with DDA compliant Light Grey or Charcoal Centre Lid.

| CODE | DESCRIPTION | LENGTH | PACK QTY |
|-------|---|--------|----------|
| MTBT | Bench Trunking - Aluminium Body, uPVC Lid | 2m | 1 x 2m |
| MTBTW | Bench Trunking - White Powder Coated Body, uPVC Lid | 2m | 1 x 2m |



Back To Back Bench Trunking

Bench Trunking is available in back-to-back lengths, perfect for long runs of facing tables in environments such as classrooms or labs. The back-to-back design allows for socket boxes to be installed on either side of the trunking without compromising stability or functionality.

Bench Trunking is available with DDA compliant Light Grey or Charcoal Centre Lid.

| CODE | DESCRIPTION | LENGTH | PACK QTY |
|----------|---|--------|----------|
| MTBT-BB | Back to Back - Aluminium Body, uPVC Lid | 2m | 1 x 2m |
| MTBT-BBW | Back to Back - White Powder Coated Body, uPVC Lid | 2m | 1 x 2m |



Accessories

Bench Trunking can accommodate the following accessory boxes and divider strip.



| CODE | DESCRIPTION | PACK QTY |
|-----------|---------------------------------|----------|
| MTPSB1 | Socket Mounting Box 35mm 1-gang | 10 |
| MTPSB1-25 | Socket Mounting Box 25mm 1-gang | 10 |
| MTPSB2 | Socket Mounting Box 35mm 2-gang | 10 |
| MTPSB2-25 | Socket Mounting Box 25mm 2-gang | 10 |
| MTD1052 | uPVC Divider | 10 x 2m |
| MTBTRCDH | RCD/DIN Rail Housing Kit | 1 |

Desktop Cable Management Systems

Internal Angle - Silver



| Product Information | |
|---------------------|-----------------|
| Code | MTBTI |
| Dimensions (mm) | 150 x 150 x 100 |
| Pack Qty | 1 |

Fabricated internal angle for Bench Trunking. Anodised aluminium body, white uPVC lid.
Additional joint covers (MTBTJ) required when fitting.

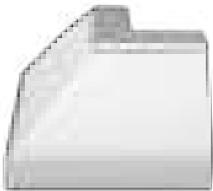
Internal Angle - White



| Product Information | |
|---------------------|-----------------|
| Code | MTBTIW |
| Dimensions (mm) | 150 x 150 x 100 |
| Pack Qty | 1 |

Fabricated internal angle for Bench Trunking. White powder coated aluminium body, white uPVC lid.
Additional joint covers (MTBTJ) required when fitting.

External Angle - Silver



| Product Information | |
|---------------------|-----------------|
| Code | MTBTE |
| Dimensions (mm) | 150 x 150 x 100 |
| Pack Qty | 1 |

Fabricated external angle for Bench Trunking. Anodised aluminium body, white uPVC lid.
Additional joint covers (MTBJ) required when fitting.

External Angle - White



| Product Information | |
|---------------------|-----------------|
| Code | MTBTEW |
| Dimensions (mm) | 150 x 150 x 100 |
| Pack Qty | 1 |

Fabricated external angle for Bench Trunking. White powder coated aluminium body, white uPVC lid.
Additional joint covers (MTBJ) required when fitting.

End Cover



| Product Information | |
|---------------------|----------------------|
| Code | MTBC |
| Dimensions (mm) | 102.5 x 102.5 x 11.5 |
| Pack Qty | 2 |

Moulded end caps, supplied in pairs matching trunking profile. uPVC End Covers are available in white, light grey and charcoal. Screws Included.

Joint Cover



| Product Information | |
|---------------------|----------------|
| Code | MTBJ |
| Dimensions (mm) | 102 x 102 x 25 |
| Pack Qty | 2 |

Moulded joint covers with an easy clip-in mechanism for faster installation. Joint covers must be fixed when joining lengths together. uPVC Joint Covers are available in white, light grey and charcoal.

Bench Trunking Units

Desktop Cable Management Systems

1 - Gang Units



| Product Information | | | | |
|---------------------|-------|--------|----------|-----------|
| Code | MTBU1 | MTBU1W | MTBU1-BB | MTBU1-BBW |
| Height (mm) | 102.5 | 102.5 | 102.5 | 102.5 |
| Length (mm) | 129 | 129 | 129 | 129 |
| Pack Qty | 1 | 1 | 1 | 1 |

2 - Gang Units



| Product Information | | | | |
|---------------------|-------|--------|----------|-----------|
| Code | MTBU2 | MTBU2W | MTBU2-BB | MTBU2-BBW |
| Height (mm) | 102.5 | 102.5 | 102.5 | 102.5 |
| Length (mm) | 190 | 190 | 190 | 190 |
| Pack Qty | 1 | 1 | 1 | 1 |

3 - Gang Units



| Product Information | | | | |
|---------------------|-------|--------|----------|-----------|
| Code | MTBU3 | MTBU3W | MTBU3-BB | MTBU3-BBW |
| Height (mm) | 102.5 | 102.5 | 102.5 | 102.5 |
| Length (mm) | 291 | 291 | 291 | 291 |
| Pack Qty | 1 | 1 | 1 | 1 |

4 - Gang Units



| Product Information | | | | |
|---------------------|-------|--------|----------|-----------|
| Code | MTBU4 | MTBU4W | MTBU4-BB | MTBU4-BBW |
| Height (mm) | 102.5 | 102.5 | 102.5 | 102.5 |
| Length (mm) | 352 | 352 | 352 | 352 |
| Pack Qty | 1 | 1 | 1 | 1 |

Alternative configurations and sizes are available. Please contact our sales team for more information on the range.

Specification for Bench Trunking Systems

Product Code

MTBT / MTBTW

Product Description

Aluminium Bench Trunking

Product Dimensions

100 x 100mm Profile
 2 Metre Length



Applicable Standards:

BS 6701:2016+A1:2017 (Telecommunications equipment and cabling)
 ISO/IEC 11801 (ED2.0 Amd 2) (Generic cabling for customers premises)
 Cenlec (BSEN50173 Part 1/2, BSEN50174-2) (Generic cabling and installation)
 BS4678 Pt 4 (Cable Trunking)
 BS7671 (IEE Regulations) (Wiring Regulations)

Product Specification:

Description: Aluminium Bench Trunking with uPVC lid
 Material Compliance: ROHS & WEEE Compliant
 Manufactured: Extruded from Pellets

Material Specification: (if applicable)

Description: A Calcium/Zinc stabilised, medium/high impact uPVC

| PROPERTY | Standard | UNITS | VALUE |
|-----------------------------|---------------------------|-------|-------|
| Specific Gravity | BS2782 620A | g/cc | 1.50 |
| Vicat Softening Point | BS2782 (B50) 1990 120B | °C | 78 |
| Tensile Strength @ Yield | BS2782 320A-F | MPa | 40 |

The above are typical test results and do not constitute any part of a specification

Colours:

MTBT - Aluminium body, white uPVC lid
 MTBTW - White powder coated aluminium body, white uPVC lid

Base:

Pre Punched for wall mounting 200mm intervals

Screening:

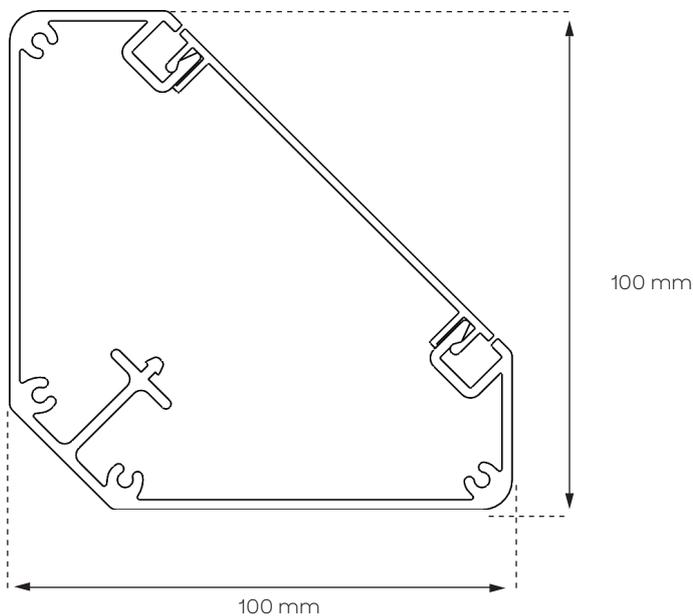
MTAS - Slide in 2 metre uPVC divider

Lids:

MT3CL - Universal Centre Lid - Supplied in 3 metre lengths, need to be cut to size

Bench Trunking

Dimensions & Capacities for Bench Trunking



Compartment width in (mm)

| A | B | C |
|------|----|----|
| 21.5 | 80 | 67 |

Internal Height

58mm

Data

| DATA CABLE DIAMETER (mm) | NOMINAL CSA (mm ²) | COMPARTMENT B | | |
|--------------------------|--------------------------------|----------------------------------|--|--|
| | | 6296 mm ² | 6296 mm ² and 25mm back box (4582 mm ²) | 6296 mm ² and 35mm back box (3860 mm ²) |
| | | 45% Fill (2833 mm ²) | 45% Fill (2061 mm ²) | 45% Fill (1737 mm ²) |
| 5 | 19.6 | 144 | 105 | 88 |
| 5.5 | 23.8 | 119 | 86 | 72 |
| 6 | 28.3 | 100 | 72 | 61 |
| 6.5 | 33.2 | 85 | 62 | 52 |
| 7 | 38.5 | 73 | 53 | 45 |

Power

| POWER CABLE CONDUCTOR CSA (mm ²) | CABLE FACTOR | COMPARTMENT B | | |
|--|--------------|----------------------------------|--|--|
| | | 6296 mm ² | 6296 mm ² and 25mm back box (4582 mm ²) | 6296 mm ² and 35mm back box (3860 mm ²) |
| | | 45% Fill (2833 mm ²) | 45% Fill (2061 mm ²) | 45% Fill (1737 mm ²) |
| 1.5 | 8.6 | 329 | 239 | 201 |
| 2.5 | 12.6 | 224 | 163 | 137 |
| 4 | 16.6 | 170 | 124 | 104 |
| 6 | 21.2 | 133 | 97 | 81 |

Aluminium Power Poles & Posts

Power & Data distribution for open
plan spaces



POWER POLES & POSTS CONTENTS

| Contents | Page Number |
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| Power Poles & Posts Specification | 280 |

Power Poles and posts are a perfect solution for projects requiring power and data distribution to island workstations or in the middle of open-plan spaces.

The systems benefit from strong aluminium profiles, designed to retain their rigidity in all installation environments.

Both the pole and post can achieve DDA compliance using contrasting centre lids.

Each system is ready to install out of the box and comes pre-packed with all necessary accessories and fittings.

Power Poles are available in Silver, and White finishes. All poles are supplied with white uPVC fittings.

Key Features



Strong & Secure

The system benefits from a strong aluminium core profile, keeping it rigid and secure in all types of installation.*



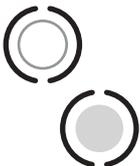
DDA & Part M

Poles & Posts are also able to accommodate contrasting centre lids, perfect for use in schools and labs.



Ready, straight from the box

Each of the poles and posts are supplied with all necessary accessories straight out of the box. This includes 6 x 1-Gang 35mm accessory boxes and 6 metres of dividing strip.



2 Colours Available

Power Poles & Posts are available in Silver and White. Silver systems have a brushed aluminium finish, white systems have a powder coated finish.

*Extra jacking mechanism required when cutting pole down to size.



Power Poles & Posts

Aluminium Cable Management Solutions

Silver & White Power Poles

Manufactured from aluminium for extra rigidity and strength, Power Poles are designed to carry power and data cabling from floors or ceilings.

Available in standard silver brushed aluminium or white powder coated finishes, Power Poles are able to accommodate any installation.

Power Poles are also available in 5 metres, and standard 3.6 metre poles can be extended using the 1 metre extension kit (MTP1E1/MTP1E1W).



| CODE | DESCRIPTION | PACK QTY |
|---------|--|----------|
| MTP1 | Power Pole, Silver Aluminium Body, uPVC Lids | 1 x 3.6m |
| MTP1-5 | Power Pole, Silver Aluminium Body, uPVC Lids, 5 Metre | 1 x 5m |
| MTP1W | Power Pole, White Powder-Coated Body, uPVC Lids | 1 x 3.6m |
| MTP1W-5 | Power Pole, White Powder-Coated Body, uPVC Lids, 5 Metre | 1 x 5m |

Each pole is supplied with the following:

- 6 x 35mm 1-Gang Socket Boxes.
- 6 x Metres of Divider.
- 10 x MTLs Accessory Spacers.
- 1 x Jacking Mechanism.
- 1 x Floor Boot.
- 1 x Ceiling Shroud.

Silver & White Power Posts

Power posts offer all the same cable management services as the Power Poles, in a smaller, desk height.

Posts are designed to carry cabling from underfloor systems to allow for power and data access in open plan spaces, specifically those which require under-desk access.

1 Metre power posts are also available.

| CODE | DESCRIPTION | PACK QTY |
|-------------|--|-----------|
| MTPP1 | Power Post, Silver Aluminium Body, uPVC Lids | 1 x 650mm |
| MTPP1-1000 | Power Post, Silver Aluminium Body, uPVC Lids, 1 Metre | 1 x 1m |
| MTPP1W | Power Post, White Powder-Coated Body, uPVC Lids | 1 x 650mm |
| MTPP1W-1000 | Power Post, White Powder-Coated Body, uPVC Lids, 1 Metre | 1 x 1m |

Each post is supplied with the following:

- 6 x 35mm 1-Gang Socket Boxes.
- 6 x Metres of Divider.
- 10 x MTLs Accessory Spacers.
- 1 x Mounting Spline.
- 1 x Floor Boot.
- 1 x Pyramid Top.



Aluminium Cable Management Solutions

35mm Accessory Box



| Product Information | |
|---------------------|--------|
| Code | MTPSB1 |
| Pack Qty | 10 |

35mm Accessory box with 4 lugs.

25mm Accessory Box



| Product Information | |
|---------------------|-----------|
| Code | MTPSB1-25 |
| Pack Qty | 10 |

25mm Accessory box with 4 lugs.

Ceiling Shroud



| Product Information | |
|---------------------|-------|
| Code | MTPCS |
| Pack Qty | 1 |

Replacement ceiling shroud for Power Poles. White uPVC.

Floor Boot



| Product Information | |
|---------------------|-------|
| Code | MTPFB |
| Pack Qty | 1 |

Replacement floor boot, fits both Power Poles & Posts. White uPVC.

Pyramid Top



| Product Information | |
|---------------------|-------|
| Code | MTPPT |
| Pack Qty | 1 |

Replacement pyramid top for the MTPP1 power posts. White uPVC

1 Metre Extension Kit



| Product Information | |
|---------------------|----------------|
| Code | MTP1E1/MTP1E1W |
| Pack Qty | 1 |

1 metre extension kits for Power Poles. Available in silver and white.

Power Pole Accessories

Aluminium Cable Management Solutions

RCD/MCB DIN Rail Housing



| Product Information | |
|---------------------|---------|
| Code | MTPRCDH |
| Pack Qty | 1 |

Includes: hinged cover, mounting frame and mounting bracket. Locking mechanism available.

Accessory Spacer



| Product Information | |
|---------------------|------|
| Code | MTLS |
| Pack Qty | 10 |

Single unit accessory spacer. Fits on to centre compartment using the same quick snap-on system as centre lid.

Divider Strip



| Product Information | |
|---------------------|-----------|
| Code | MTD105 |
| Pack Qty | 16 x 1.5m |

Slide in uPVC divider for Power Poles & Posts. Supplied in 1.5m lengths.

Specification for Power Pole & Post

Product Code

MTP1 / MTP1W
MTPP1 / MTPP1W

Product Description

Aluminium Power Pole & Power Post, Aluminium body, uPVC lids

Product Dimensions: Power Pole

100 x 100mm Profile
3.6 Metre Length

Product Dimensions: Power Post

100 x 100mm Profile
0.65 Metre Length

Applicable Standards:

BS 6701:2016+A1:2017 (Telecommunications equipment and cabling)
ISO/IEC 11801 (ED2.0 Amd 2) (Generic cabling for customers premises)
Cenlec (BSEN50173 Part 1/2, BSEN50174-2) (Generic cabling and installation)
BS4678 Pt 4 (Cable Trunking)
BS7671 (IEE Regulations) (Wiring Regulations)

Product Specification:

Description: Aluminium Power Pole & Post with uPVC lid
Material Compliance: ROHS & WEEE Compliant
Manufactured: Extruded from Pellets

Material Specification: (if applicable)

Description: A Calcium/Zinc stabilised, medium/high impact uPVC

| PROPERTY | Standard | UNITS | VALUE |
|--------------------------|------------------------|-------|-------|
| Specific Gravity | BS2782 620A | g/cc | 1.50 |
| Vicat Softening Point | BS2782 (B50) 1990 120B | °C | 78 |
| Tensile Strength @ Yield | BS2782 320A-F | MPa | 40 |

The above are typical test results and do not constitute any part of a specification

Colours:

MTP1 - Aluminium body, white uPVC lid
MTP1W - White powder coated aluminium body, white uPVC lid
MTPP1 - Aluminium body, white uPVC lid
MTPP1W - White powder coated aluminium body, white uPVC lid

Screening:

MTAS - Slide in 2 metre uPVC divider

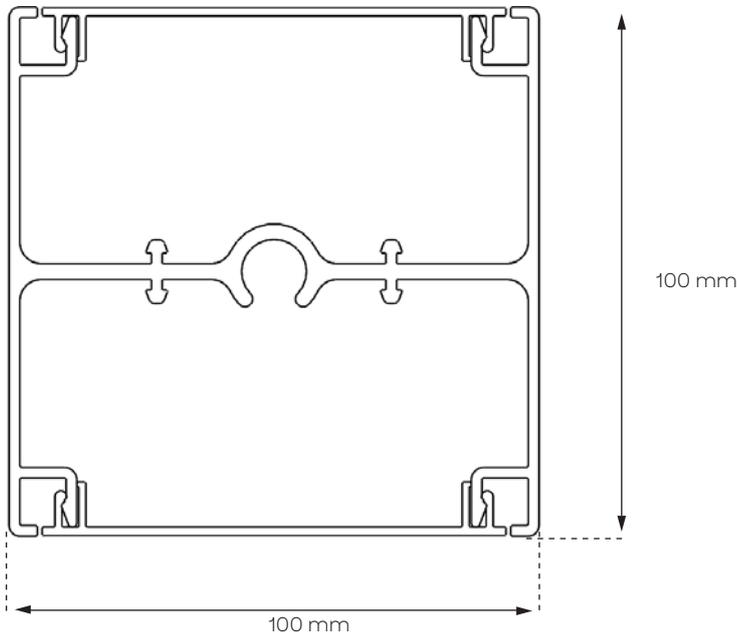
Lids:

MT3CL - Universal Centre Lid - Supplied in 3 metre lengths, need to be cut to size



Power Pole & Post

Dimensions & Capacities for Power Pole & Post



Data

| DATA CABLE DIAMETER (mm) | NOMINAL CSA (mm ²) | COMPARTMENT A | | |
|--------------------------|--------------------------------|----------------------------------|--|--|
| | | 4120 mm ² | 4116 mm ² and 25mm back box (2420 mm ²) | 4116 mm ² and 35mm back box (1700 mm ²) |
| | | 45% Fill (1852 mm ²) | 45% Fill (1309 mm ²) | 45% Fill (765 mm ²) |
| 5 | 19.6 | 94 | 54 | 38 |
| 5.5 | 23.8 | 77 | 45 | 31 |
| 6 | 28.3 | 65 | 38 | 26 |
| 6.5 | 33.2 | 55 | 32 | 22 |
| 7 | 38.5 | 48 | 27 | 19 |

Power

| POWER CABLE CONDUCTOR CSA (mm ²) | CABLE FACTOR | COMPARTMENT A | | |
|--|--------------|---------------------------------|---|--|
| | | 4120 mm ² | 4609mm ² and 25mm back box (2420 mm ²) | 4116 mm ² and 35mm back box (1700 mm ²) |
| | | 45% Fill (1852mm ²) | 45% Fill (1089mm ²) | 45% Fill (765mm ²) |
| 1.5 | 8.6 | 215 | 125 | 87 |
| 2.5 | 12.6 | 146 | 85 | 59 |
| 4 | 16.6 | 111 | 64 | 45 |
| 6 | 21.2 | 87 | 50 | 35 |

Specification for Power Pole & Post

Installation Instructions

Please ensure that all current IIE Wiring Regulations are complied with during the installation of this Power Pole.

It is important that the installer familiarises himself with all the parts of this Power Pole as shown in the diagram. Any shortages must be reported to Atkore Marco as soon as possible

Installation of a Power Pole in conjunction with a suspended ceiling

1. If the suspended ceiling is already in place, remove sufficient ceiling tiles to allow access to position the Power Pole.
2. The Power Pole must be positioned so that the force of the jacking screw is taken by a concrete ceiling..
3. Having decided the position for the installation of the Power Pole, measure the floor to concrete ceiling height accurately. Remove the Power Pole from the packaging taking care not to mark the anodised finish. Remove all parts from the Power Pole and replacing them in the box.
- Deduct 60mm from the overall height and cut the Power Pole to length using a fine blade hacksaw. It is important that the Power Pole be cut square so care should be taken to achieve this. De-bur all cut edges.
4. Secure floor mount (item C) to the floor using the correct type of fastening system for the floor type. If the Power Pole is to be fed from under floor services, drill access holes as required through the base of the floor mount floor and floor.
5. Position the jacking mechanism (item D) in the centre hole of the Power Pole and set the height from the ceiling plate to the Power Pole body to 35mm. This is achieved by turning the M12 nut upwards until the correct distance is reached.
6. Position the Power Pole into the floor mount and adjust the jacking mechanism upwards until the Power Pole is secure. Check that the Power Pole is vertical in both planes using a spirit level.
7. Mark through the position of the two securing holes on the ceiling plate and then lower the jacking mechanism. Remove the Power Pole from the floor mount. Remove the ceiling plate from the jacking mechanism and then secure the ceiling plate to the ceiling using the correct fastening system for the ceiling type.

8. Ensure that the jacking mechanism screw is located in the end of the Power Pole. Re-locate the Power Pole in the floor mount and then turn the M12 nut on the jacking mechanism screw clockwise, locating the end of the screw into the ceiling plate. Replace the M6x30 securing bolt and secure using M6 nut. Turn the M12 nut clockwise until the Power Pole is secure and any movement is eliminated. Tighten the M6x15 pan head screw located in the jacking mechanism screw. This will lock the whole assembly in position.

9. It is important to connect the earth wire from the incoming mains to the earth post located on the jacking mechanism using the terminal connector and M6 nut supplied for this purpose. Check that all earth connections are secure and that continuity is maintained between the Power Pole and jacking mechanism.

10. Position socket boxes (item B) as required. Use the accessory spacers provided to position the socket boxes evenly. Use the divider (item G) if any segregation of any services to outlets is required.

11. All wiring can now be located in readiness for connecting accessories.

12. The outer lids (item F) can now be cut to size. Starting at the base of the Power Pole, secure the lid between socket boxes stopping 95mm short from the top of the suspended ceiling. Replace the ceiling tiles cutting neatly around the Power Pole body.

13. The ceiling shroud (item E) can now be clipped into position. The ceiling shroud should be located tight against the ceiling tiles.

14. Any accessories can now be installed to the socket boxes. Again, it is very important to check that all earthing connections are secure and that continuity exists.

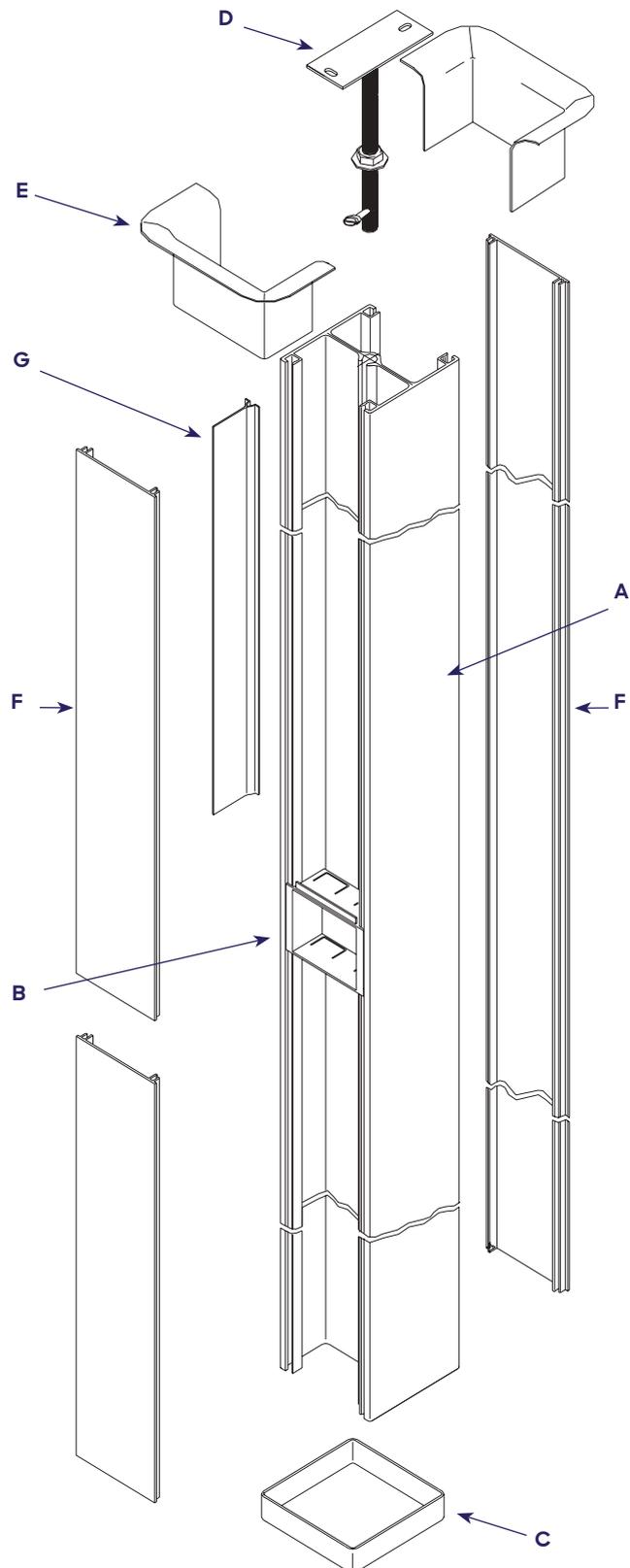
Power Pole & Post

Specification for Power Pole & Post

Installation of a Power Pole between a standard floor and ceiling

1. The Power Pole must be positioned so that the force of the jacking screw is taken by either a roof joist or a concrete ceiling.
2. Follow the same procedure as described previously for the installation of the floor mount, Power Pole, jacking mechanism and socket boxes.
3. The outer lids (item F) can now be cut to size. Starting at the base of the Power Pole, secure the lid between socket boxes stopping 35mm short from the top of the Power Pole body.
4. The ceiling shroud (item E) can now be clipped into position. The ceiling shroud should be located tight against the ceiling using the double sided sticky tape provided.

- A. Power Pole
- B. Socket Box
- C. Floor Mount
- D. Jacking Mechanism
- E. Ceiling Shroud
- F. uPVC Lid
- G. uPVC Divider



Steel Wire Cable Tray

Power & Data Containment
Solutions



STEEL WIRE CABLE TRAY CONTENTS

| Contents | Page Number |
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Steel Wire Cable Tray Systems

Atkore Marco is the largest UK manufacturer of Steel Wire Cable Tray.

Available in Electro-Zinc, Pre-Galvanised, Powder-Coated and Hot-dip Galvanised finishes. Atkore Marco is able to supply Steel Wire Cable Tray to meet any project demand, including special manufactures of alternate grid layouts, pre-cut lengths and much more.

Offered in three standard depths, 30mm, 55mm and 106mm, Steel Wire Cable Tray is adaptable and lightweight, enabling users to easily modify the tray on-site without compromising its strength or performance.

Atkore Marco's Steel Wire Cable Tray is complemented by a large range of accessories and fittings, all designed to join and support the tray, reducing installation time and reducing overall on-site costs.

All Steel Wire Cable Tray is manufactured in our state-of-the-art, custom-built facility in the UK.



Product Family

Steel Wire Cable Tray Systems

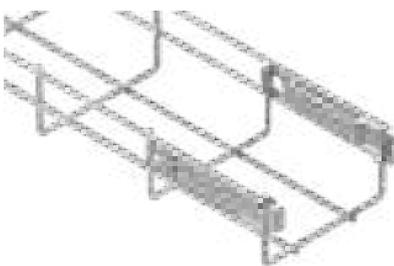
Atkore Marco is able to offer a comprehensive range of Steel Wire Cable Tray products, including a wide range of accessories and our new, pre-coupled, Quik-Clik Tray. For specialist projects, Atkore Marco is able to supply pre-cut lengths to suit installation requirements.

The entire Steel Wire Cable Tray range is available in the BIM download, found on the Atkore Marco website.

Steel Wire Cable Tray

EZ HDG PC PG ZA

Made from direct drawn bright mild steel, and ideal for a variety of applications. Steel Wire Cable Tray is manufactured to the highest standards and utilises a 100 x 50mm grid design structure. Each length is produced in 3 metres, and is available in a large variety of sizes.



Quik-Clik System

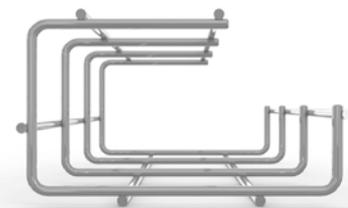
EZ

The latest innovation in the Steel Wire Cable Tray range is the new Quik-Clik system. Enabling two lengths to be coupled in under two seconds, the new system comes with two pre-installed joining couplers for faster on-site installation. Another benefit to the Quik-Clik tray is the ability to remove and re-attach its couplers, allowing for modifications and size change to be easily made to the tray, without losing any of its installation benefits.

G-Shape Steel Wire Cable Tray

EZ

G-Shape tray has been designed as a containment solution for under-desk installations, or above suspended ceilings for service containments in small voids. The shape of the tray allows for both wall and ceiling mounting, and negates the need for suspension brackets, having the ability to be directly fixed to solid surfaces.



Fast-Fix Accessories

PG EZ GT TB

Steel Wire Cable Tray range is further enhanced by a large range of accessories and fittings, all designed to allow for quick and convenient on-site installation. In-particular, Fast Fix line of accessories have been designed for quicker installation, with a drastically reduced need for additional components such as nut & bolt or the need for heavy electrical or mechanical tools.

PG Pre-Galvanised

HDG Hot-Dip Galvanised

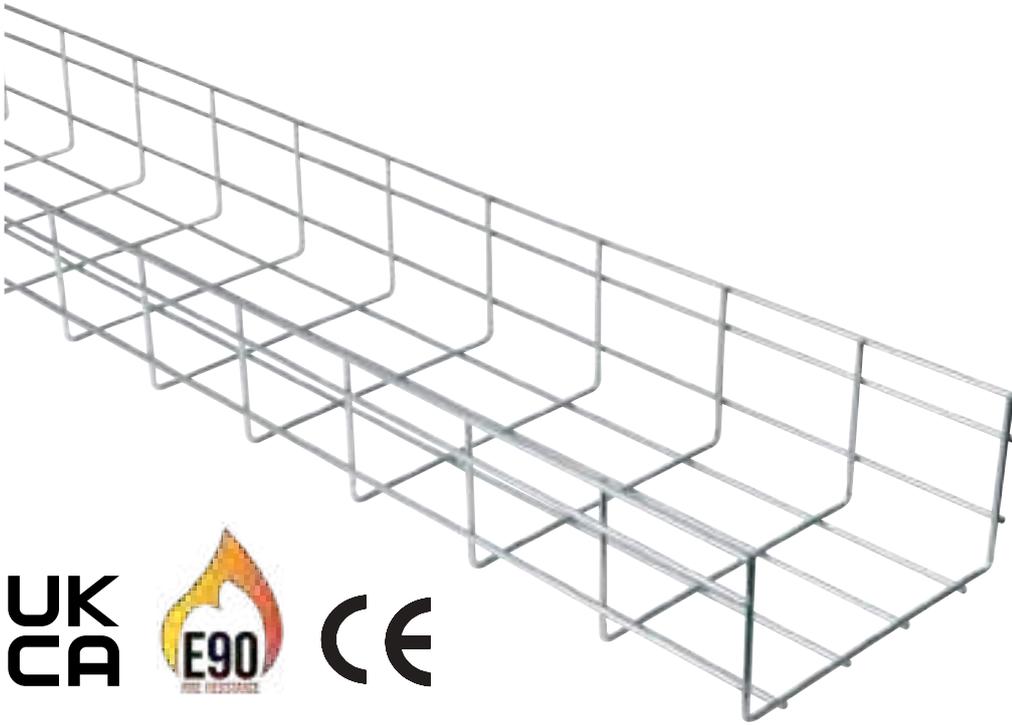
GT Geomet

ZA Zinc Aluminium
See page 9 for more information

EZ Electro Zinc

PC Powder Coated

TB Turned Brass



Atkore Marco's Steel Wire Cable Tray is made from direct-drawn bright mild steel, and uses a 100 x 50mm mesh grid.

Each tray is produced in 3 metre lengths and supplied in pack quantities.

The range is complemented by a wide variety of fittings and accessories, all designed to make modifying and installing the tray on site as easy as possible.

Finishes

EZ

Electro Zinc

BS EN ISO 2081:2008

Recommended for use in interior installations where the atmosphere is non-corrosive. EZ Steel Wire Cable Tray is coated with a thickness of between 5-12 microns.

HDG

Hot-Dip Galvanised

ISO 1461:2009

Recommended for exterior use and in more aggressive atmospheres. HG tray is coated to a minimum thickness of 55 microns. Hot-Dip Galv tray is special item and manufactured to order.

PG

Pre-Galvanised

BS EN 10244-2

Recommended for use in data centres and other interior applications. Marco PG Steel Wire Cable Tray is coated with a thickness of approximately 20 microns (135 gr/m² - class B). Pre-Galvanised tray is special item and manufactured to order.

PC

Powder Coated

BS EN 13438

Powder-Coated is recommended for exterior and interior use in a range of atmospheric environments and is capable of withstanding a variety of corrosive conditions. Its installation is also suggested for data centres. Powder Coated tray is special item and manufactured to order.

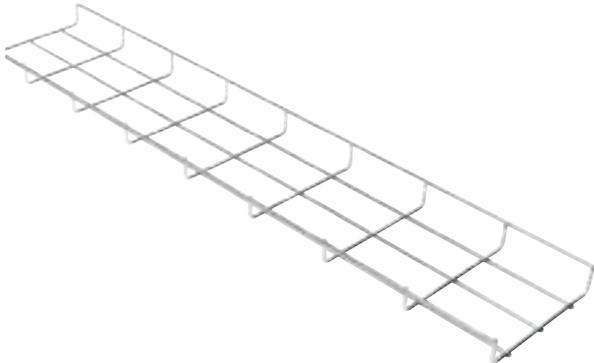
Steel Wire Cable tray conforms to the following standards: BS EN 61537, IEC 61537.

Standard Range

Steel Wire Cable Tray Systems

30mm Depth

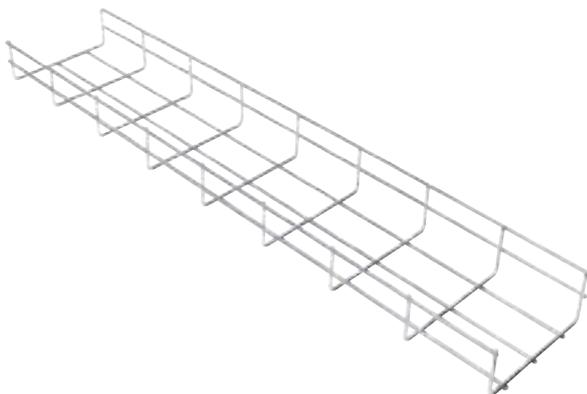
Steel Wire Cable Tray



| CODE | SIZE | LENGTH | FINISH |
|---------|------------|--------|-----------------|
| MC3050 | 30 x 50mm | 3m | PG, EZ, HDG, PC |
| MC30100 | 30 x 100mm | 3m | PG, EZ, HDG, PC |
| MC30150 | 30 x 150mm | 3m | PG, EZ, HDG, PC |
| MC30200 | 30 x 200mm | 3m | PG, EZ, HDG, PC |
| MC30300 | 30 x 300mm | 3m | PG, EZ, HDG, PC |
| MC30400 | 30 x 400mm | 3m | PG, EZ, HDG, PC |
| MC30450 | 30 x 450mm | 3m | PG, EZ, HDG, PC |
| MC30500 | 30 x 500mm | 3m | PG, EZ, HDG, PC |

55mm Depth

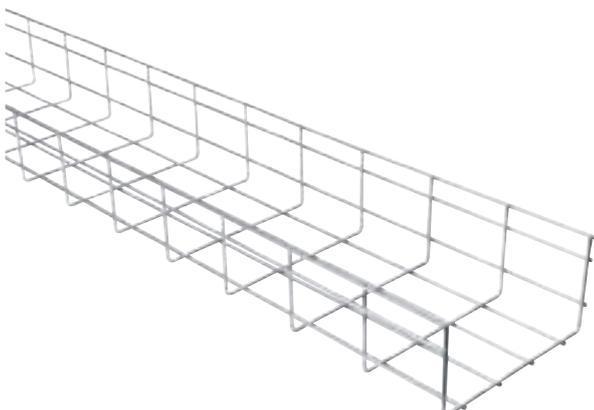
Steel Wire Cable Tray



| CODE | SIZE | LENGTH | FINISH |
|---------|------------|--------|-----------------|
| MC5550 | 55 x 50mm | 3m | PG, EZ, HDG, PC |
| MC55100 | 55 x 100mm | 3m | PG, EZ, HDG, PC |
| MC55150 | 55 x 150mm | 3m | PG, EZ, HDG, PC |
| MC55200 | 55 x 200mm | 3m | PG, EZ, HDG, PC |
| MC55300 | 55 x 300mm | 3m | PG, EZ, HDG, PC |
| MC55400 | 55 x 400mm | 3m | PG, EZ, HDG, PC |
| MC55450 | 55 x 450mm | 3m | PG, EZ, HDG, PC |
| MC55500 | 55 x 500mm | 3m | PG, EZ, HDG, PC |
| MC55600 | 55 x 600mm | 3m | PG, EZ, HDG, PC |

106mm Depth

Steel Wire Cable Tray



| CODE | SIZE | LENGTH | FINISH |
|----------|-------------|--------|-----------------|
| MC106100 | 106 x 100mm | 3m | PG, EZ, HDG, PC |
| MC106150 | 106 x 150mm | 3m | PG, EZ, HDG, PC |
| MC106200 | 106 x 200mm | 3m | PG, EZ, HDG, PC |
| MC106300 | 106 x 300mm | 3m | PG, EZ, HDG, PC |
| MC106400 | 106 x 400mm | 3m | PG, EZ, HDG, PC |
| MC106450 | 106 x 450mm | 3m | PG, EZ, HDG, PC |
| MC106500 | 106 x 500mm | 3m | PG, EZ, HDG, PC |
| MC106600 | 106 x 600mm | 3m | PG, EZ, HDG, PC |

Some sizes and finishes are made to order and minimum quantities apply.

Quik-Clik System

Steel Wire Cable Tray Systems

Saving You Time, Saving You Money

2 Second Rapid Install



In an effort to save the contractor time and money, Atkore Marco has developed the Quik-Clik system of cable trays.

The innovative coupler can join two lengths of Steel Wire Cable Tray in seconds! Its flexible design allows it to be removed and re-attached with ease, retaining its functionality even after trays have been cut-to-size on site. Supplied pre-fixed as standard, the MCFJC range is also available as individual accessories as part of the Atkore Marco Fast-Fix range.

30mm Depth

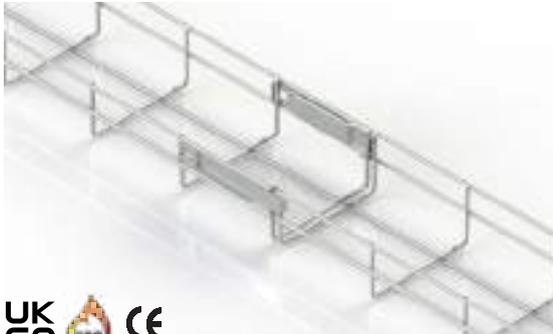
Quik-Clik System



| CODE | SIZE | COUPLER | LENGTH | FINISH |
|----------|----------------------|-----------|--------|--------|
| MCM3050 | 30 x 50mm Quik-Clik | MCFJC30 | 3m | EZ |
| MCM30100 | 30 x 100mm Quik-Clik | MCFJC30 | 3m | EZ |
| MCM30150 | 30 x 150mm Quik-Clik | MCFJC30 | 3m | EZ |
| MCM30200 | 30 x 200mm Quik-Clik | MCFJC30 | 3m | EZ |
| MCM30300 | 30 x 300mm Quik-Clik | MCFJC30-M | 3m | EZ |
| MCM30400 | 30 x 400mm Quik-Clik | MCFJC30-M | 3m | EZ |
| MCM30450 | 30 x 450mm Quik-Clik | MCFJC30-M | 3m | EZ |
| MCM30500 | 30 x 500mm Quik-Clik | MCFJC30-M | 3m | EZ |
| MCM30600 | 30 x 600mm Quik-Clik | MCFJC30-M | 3m | EZ |

55mm Depth

Quik-Clik System



| CODE | SIZE | COUPLER | LENGTH | FINISH |
|----------|----------------------|---------|--------|--------|
| MCM5550 | 55 x 50mm Quik-Clik | MCFJC | 3m | EZ |
| MCM55100 | 55 x 100mm Quik-Clik | MCFJC | 3m | EZ |
| MCM55150 | 55 x 150mm Quik-Clik | MCFJC | 3m | EZ |
| MCM55200 | 55 x 200mm Quik-Clik | MCFJC | 3m | EZ |
| MCM55300 | 55 x 300mm Quik-Clik | MCFJCM | 3m | EZ |
| MCM55400 | 55 x 400mm Quik-Clik | MCFJCL | 3m | EZ |
| MCM55450 | 55 x 450mm Quik-Clik | MCFJCL | 3m | EZ |
| MCM55500 | 55 x 500mm Quik-Clik | MCFJCL | 3m | EZ |
| MCM55600 | 55 x 600mm Quik-Clik | MCFJCL | 3m | EZ |

106mm Depth

Quik-Clik System



| CODE | SIZE | COUPLER | LENGTH | FINISH |
|-----------|-----------------------|---------|--------|--------|
| MCM106100 | 106 x 100mm Quik-Clik | MCFJCM | 3m | EZ |
| MCM106150 | 106 x 150mm Quik-Clik | MCFJCM | 3m | EZ |
| MCM106200 | 106 x 200mm Quik-Clik | MCFJCM | 3m | EZ |
| MCM106300 | 106 x 300mm Quik-Clik | MCFJCL | 3m | EZ |
| MCM106400 | 106 x 400mm Quik-Clik | MCFJCL | 3m | EZ |
| MCM106450 | 106 x 450mm Quik-Clik | MCFJCL | 3m | EZ |
| MCM106500 | 106 x 500mm Quik-Clik | MCFJCL | 3m | EZ |
| MCM106600 | 106 x 600mm Quik-Clik | MCFJCL | 3m | EZ |



Quik-Clik Couplers (MCFJC/30/M/L) Available as Individuals.

G-Shape Steel Wire Cable Tray

Steel Wire Cable Tray Systems

G-Shape Steel Wire Cable Tray

Available in four widths, Atkore Marco's G-Shape tray is designed for under desk and under shelf applications. The tray is also perfect for use above suspended ceilings, its low profile making it great for service containments in small voids.

The shape of the tray allows for both wall and ceiling mounting, negating the need for suspension brackets by being directly fixed to a solid surface using the MCCL, or MCCL25.

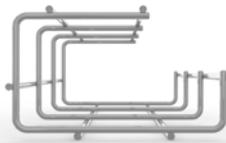
The tray can easily be installed and modified on site by one person, fabricating bends using the same accessories used for conventional tray.



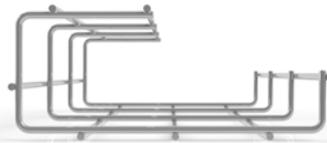
| CODE | DESCRIPTION | LENGTH | FINISH |
|----------|-----------------------|--------|--------|
| MCG6060 | 60 x 60 G-Shape Tray | 3m | EZ |
| MCG60100 | 60 x 100 G-Shape Tray | 3m | EZ |
| MCG60150 | 60 x 150 G-Shape Tray | 3m | EZ |
| MCG60200 | 60 x 200 G-Shape Tray | 3m | EZ |



MCG6060



MCG60100



MCG60150



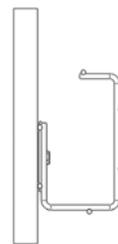
MCG60200

Mounting Accessories

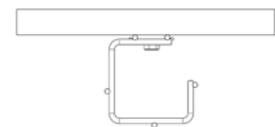
G-Shape tray can be mounted to both walls and ceilings, by being directly mounted using the following accessories

| | TRAY | WALL | CEILING |
|---|----------|--------|---------|
|  | MCG6060 | MCCL25 | MCCL25 |
| MCCL25 | MCG60100 | MCCL | MCCL |
|  | MCG60150 | MCCL | MCCL |
| | MCG60200 | MCCL | MCCL |

MCCL



Wall Mounted



Ceiling Mounted

Accessories

G-Shape Tray can be coupled and modified using standard Atkore Marco accessories including:



MCQC



MCQLS



MCQLL



MCCA



MCCB

Atkore Marco Steel Wire Cable tray conforms to the following standards: BS EN 61537:2007, IEC 61537.

Steel Wire Cable Tray Systems



Atkore Marco has further enhanced its reputation by the continued growth in innovative products and supporting accessories.

The Steel Wire Cable Tray accessories have been further expanded to include a new range of fast-fix designs, which help to reduce installation times on-site. This allow Atkore Marco to offer a full range of accessories for every Steel Wire Cable Tray installation requirement.

Steel Wire Cable Tray accessories now include the fast fix side couplers (MCSSC & MCSSCL), which enable two lengths of tray to be coupled together and secured in seconds, reducing installation times and meeting and exceeding earth continuity requirements to standard EN 61537.

The innovative design allows the Fast-Fix side coupler to be installed from within the Steel Wire Cable Tray, allowing for ease of installation within confined areas.

One of the latest additions to Atkore Marco's Steel Wire Cable Tray accessories is the Pre-Galvanised Hook Coupler (MCHC-S). Designed for use on Pre-Galvanised trays, most popular in Data Centre installations where the possibility of zinc whiskers needs to be reduced, the coupler clips on in seconds and forms a strong and sturdy connection between trays.



MCSSC - Fast-Fix Side Coupler



MCHC-S - Pre-Galvanised hook Coupler

PG Pre-Galvanised

HG Hot-Dip Galvanised

GT Geomet

EZ Electro Zinc

PC Powder Coated

TB Turned Brass

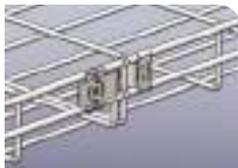
Accessories

Steel Wire Cable Tray Systems

Fast-Fix Side Coupler



Screwdriver supplied

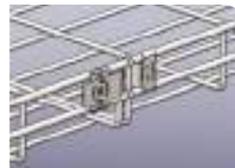


| Product Information | |
|---------------------|----------------|
| Code | MCSSC |
| Finish | EZ |
| Pack QTY | 50 |
| Supported Sizes | MC5550-MC55200 |

Fast-Fix Side Coupler - Large

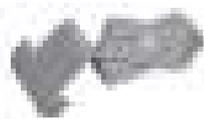


Screwdriver supplied



| Product Information | |
|---------------------|--|
| Code | MCSSCL |
| Finish | EZ |
| Pack QTY | 50 |
| Supported Sizes | MC55300-MC55600 MC106100- MC106600 |

Fast-Fix Universal Strut Clip



Screwdriver supplied



| Product Information | |
|---------------------|---|
| Code | MCFUSC |
| Finish | GT |
| Pack QTY | 50 |
| Supported Sizes | MC30100-MC30500 MC55100-MC55600 MC106100- MC106600 |

Pre-Galvanised Hook Coupler



Suitable for use with PG trays only



| Product Information | |
|---------------------|------------------|
| Code | MCHC-S |
| Finish | PG |
| Pack QTY | 50 |
| Supported Sizes | MC5550 - MC55200 |

Quik-Clik Coupler - Small



Pre-Coupled version available, see page 291



| Product Information | |
|---------------------|------------------|
| Code | MCFJC |
| Finish | EZ |
| Pack QTY | 50 |
| Supported Sizes | MC5550 - MC55200 |

Quik-Clik Coupler - Medium



Pre-Coupled version available, see page 291



| Product Information | |
|---------------------|-----------------------------------|
| Code | MCFJCM |
| Finish | EZ |
| Pack QTY | 50 |
| Supported Sizes | MC55300 MC106100 - MC106200 |

Quik-Clik Coupler - Large



Pre-Coupled version available, see page 291



| Product Information | |
|---------------------|--|
| Code | MCFJCL |
| Finish | EZ |
| Pack QTY | 50 |
| Supported Sizes | MC55400 - MC55600 MC106300 - MC106600 |

Fast Fix Floor Bracket



| Product Information | |
|---------------------|----------------|
| Code | MCFFB |
| Finish | PG |
| Pack QTY | 50 |
| Supported Sizes | Fits all sizes |

All products supplied with tools are subject to orders of pack quantities.

Steel Wire Cable Tray Systems

Quick-Lock Small



Product Information

| | |
|-----------------|---|
| Code | MCQLS |
| Finish | EZ |
| Pack QTY | 25 |
| Supported Sizes | MC3050-MC30200 MC5550-MC55200 MC106100-MC106200 |

Quick-Lock Large



Product Information

| | |
|-----------------|---|
| Code | MCQLL |
| Finish | EZ |
| Pack QTY | 25 |
| Supported Sizes | MC30300-MC30500 MC55300-MC55600 MC106300-MC106600 |

Quick Coupler



Pulling tool supplied

Product Information

| | |
|-----------------|----------------|
| Code | MCQC |
| Finish | EZ, GT |
| Pack QTY | 50 |
| Supported Sizes | Fits all sizes |

Suspension Hanger



Product Information

| | |
|-----------------|---|
| Code | MCSH |
| Finish | EZ, GT, PG |
| Pack QTY | 50 |
| Supported Sizes | MC30100-MC30500 MC55100-MC55600 MC106100-MC106600 |

Clamp Large - 6.5mm Hole



Product Information

| | |
|-----------------|--|
| Code | MCCL |
| Finish | EZ, GT, PG |
| Pack QTY | 50 |
| Supported Sizes | MC305100-MC30500 MC55100-MC55600 MC106100-MC106600 |

Divider Joining Bracket



Product Information

| | |
|-----------------|----------------|
| Code | MCDJB |
| Finish | EZ |
| Pack QTY | 10 |
| Supported Sizes | Fits all sizes |

Drop Out Plate



Product Information

| | |
|-----------------|----------------|
| Code | MCDOP |
| Finish | PG |
| Pack QTY | 50 |
| Supported Sizes | Fits all sizes |

All of Atkore Marco's Steel Wire Cable Tray products are available from our website as part of the BIM object download

EZ = Electro Zinc
GT = Geomet
HDG = Hot-Dip Galvanised
PC = Powder Coated
PG = Pre-Galvanised
TB = Turned Brass

Accessories

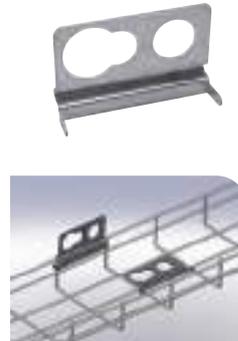
Steel Wire Cable Tray Systems

Flexible Conduit Plate - 20 & 25mm



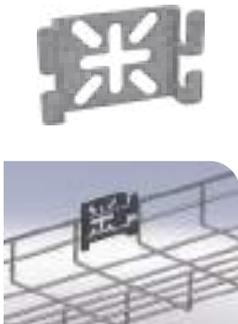
| Product Information | |
|---------------------|----------------|
| Code | MCFCP |
| Finish | PG, GT |
| Pack QTY | 20 |
| Supported Sizes | Fits all sizes |

Flexible Conduit Plate - 20, 25 & 32mm



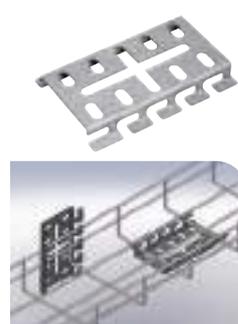
| Product Information | |
|---------------------|----------------|
| Code | MCFCP3 |
| Finish | PG, GT |
| Pack QTY | 20 |
| Supported Sizes | Fits all sizes |

Wall Bracket/ACC Mounting Plate



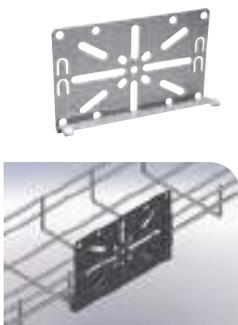
| Product Information | |
|---------------------|-------------------------------------|
| Code | MCAMP |
| Finish | PG, GT |
| Pack QTY | 20 |
| Supported Sizes | MC5550-MC55600 MC106100-MC106600 |

Multi-Fix Plate



| Product Information | |
|---------------------|----------------|
| Code | MCMFP |
| Finish | PG |
| Pack QTY | 50 |
| Supported Sizes | Fits all sizes |

Universal Support Bracket



| Product Information | |
|---------------------|---|
| Code | MCUSB |
| Finish | PG |
| Pack QTY | 50 |
| Supported Sizes | MC30100-MC30500 MC55100-MC55600 MC106100-MC106600 |

Nut, Bolt & Clamp Assembly



| Product Information | |
|---------------------|----------------|
| Code | MCCA |
| Finish | EZ, GT, PG |
| Pack QTY | 50 |
| Supported Sizes | Fits all sizes |

Nut, Bolt & Clamp Fixing Assembly



| Product Information | |
|---------------------|----------------|
| Code | MCCB |
| Finish | EZ, GT |
| Pack QTY | 50 |
| Supported Sizes | Fits all sizes |

Clamp Small



| Product Information | |
|---------------------|----------------|
| Code | MCCS |
| Finish | EZ, GT |
| Pack QTY | 50 |
| Supported Sizes | Fits all sizes |

Steel Wire Cable Tray Systems

Clamp Medium



| Product Information | |
|---------------------|----------------|
| Code | MCCM |
| Finish | EZ, GT |
| Pack QTY | 50 |
| Supported Sizes | Fits all sizes |

M6 x 20 Screw, Nut & Washer



| Product Information | |
|---------------------|----------------|
| Code | MCM620NW |
| Finish | EZ, GT |
| Pack QTY | 50 |
| Supported Sizes | Fits all sizes |

Splice Plate



| Product Information | |
|---------------------|----------------|
| Code | MCSP |
| Finish | PG, GT |
| Pack QTY | 50 |
| Supported Sizes | Fits all sizes |

90° Splice Plate



| Product Information | |
|---------------------|----------------|
| Code | MCSP90 |
| Finish | PG |
| Pack QTY | 20 |
| Supported Sizes | Fits all sizes |

Suspension Bracket 6mm & 8mm Rod



Max safe working load 100kg



| Product Information | |
|---------------------|----------------|
| Code | MCSB68 |
| Finish | PG, GT |
| Pack QTY | 20 |
| Supported Sizes | Fits all sizes |

Suspension Bracket 10mm & 12mm Rod



Max safe working load 100kg



| Product Information | |
|---------------------|----------------|
| Code | MCSB1012 |
| Finish | PG, GT |
| Pack QTY | 20 |
| Supported Sizes | Fits all sizes |

Suspension Bracket - 50mm Tray



Max safe working load 30kg



| Product Information | |
|---------------------|------------------|
| Code | MCSB50 |
| Finish | PG, GT |
| Pack QTY | 50 |
| Supported Sizes | MC3050 MC5550 |

Suspension Bracket - 100mm Tray



Max safe working load 30kg



| Product Information | |
|---------------------|--------------------|
| Code | MCSB100 |
| Finish | PG, GT |
| Pack QTY | 50 |
| Supported Sizes | MC30100 MC55100 |

Accessories

Steel Wire Cable Tray Systems

Suspension Bracket - 150mm Tray



Max safe working load 30kg



| Product Information | |
|---------------------|--------------------|
| Code | MCSB150 |
| Finish | PG, GT |
| Pack QTY | 50 |
| Supported Sizes | MC30150 MC55150 |

Bracket



Max safe working load 20kg



| Product Information | |
|---------------------|------------------|
| Code | MCB35 |
| Finish | PG |
| Pack QTY | 50 |
| Supported Sizes | MC3050 MC5550 |

Tray Support Bracket - 50mm Tray



| Product Information | |
|---------------------|------------------|
| Code | MCTS35 |
| Finish | PG |
| Pack QTY | 50 |
| Supported Sizes | MC3050 MC5550 |

Earth Terminal



| Product Information | |
|---------------------|---|
| Code | MCET16 |
| Finish | TB |
| Pack QTY | 10 |
| Supported Sizes | MC5550-MC55600 MC106100- MC106600 |

Earth Terminal - 30mm Tray



Supplied with PG mounting bracket & accessories for mounting to 30mm tray.



| Product Information | |
|---------------------|------------------|
| Code | MCET16-30 |
| Finish | TB |
| Pack QTY | 10 |
| Supported Sizes | MC3050 - MC30500 |

ID Tags



| Product Information | |
|---------------------|-------|
| Code | MCTAG |
| Finish | - |
| Pack QTY | 50 |

Coloured ID tags are used to differentiate which services are being carried in which containment. ID Tags can be supplied printed with ID labels to quickly identify cabling being carried in runs of tray.

Labels include:

- ELV
- LV
- DATA/COMMS
- FIRE
- ANCILLARY
- SUB MAINS

Bolt Croppers



| Product Information | |
|---------------------|-------|
| Code | MCROP |
| Pack QTY | 1 |

EZ = Electro Zinc
GT = Geomet
HDG = Hot-Dip Galvanised
PC = Powder Coated
PG = Pre-Galvanised
TB = Turned Brass

Steel Wire Cable Tray Systems

Divider

| CODE | DESCRIPTION | DEPTH | LENGTH | FINISH | PACK QTY |
|--------|-------------------------------|-------|------------|--------|----------|
| MCD30 | Steel Wire Cable Tray Divider | 30mm | 30mm x 3m | PG | 20 |
| MCD55 | Steel Wire Cable Tray Divider | 55mm | 55mm x 3m | PG | 16 |
| MCD106 | Steel Wire Cable Tray Divider | 106mm | 106mm x 3m | PG | 12 |



Steel Wire Cable Tray Lid

| CODE | DESCRIPTION | TRAY WIDTH | LENGTH | FINISH | PACK QTY |
|--------|---------------------------------|------------|--------|--------|----------|
| MCL100 | 100mm Steel Wire Cable Tray Lid | 100 | 2m | PG | 6 x 2m |
| MCL150 | 150mm Steel Wire Cable Tray Lid | 150 | 2m | PG | 4 x 2m |
| MCL200 | 200mm Steel Wire Cable Tray Lid | 200 | 2m | PG | 4 x 2m |
| MCL300 | 300mm Steel Wire Cable Tray Lid | 300 | 2m | PG | 2 x 2m |
| MCL400 | 400mm Steel Wire Cable Tray Lid | 400 | 2m | PG | 2 x 2m |
| MCL450 | 450mm Steel Wire Cable Tray Lid | 450 | 2m | PG | 2 x 2m |
| MCL500 | 500mm Steel Wire Cable Tray Lid | 500 | 2m | PG | 2 x 2m |
| MCL600 | 600mm Steel Wire Cable Tray Lid | 600 | 2m | PG | 2 x 2m |



Fast-Fix Support Bracket

| CODE | DESCRIPTION | LUGS | FINISH | PACK QTY |
|-----------|---|------|--------|----------|
| MCCSB100 | Fast-Fix Channel Support Bracket for 100mm wide tray, 200mm long | 2 | PG | 50 |
| MCCSB150 | Fast-Fix Channel Support Bracket for 150mm wide tray, 250mm long | 3 | PG | 50 |
| MCCSB200 | Fast-Fix Channel Support Bracket for 200mm wide tray, 300mm long | 4 | PG | 50 |
| MCCSB300 | Fast-Fix Channel Support Bracket for 300mm wide tray x 400mm long | 6 | PG | 25 |
| MCCSB400 | Fast-Fix Channel Support Bracket for 400mm wide tray x 500mm long | 8 | PG | 25 |
| MCCSB450 | Fast-Fix Channel Support Bracket for 450mm wide tray x 550mm long | 9 | PG | 25 |
| MCCSB500 | Fast-Fix Channel Support Bracket for 500mm wide tray x 600mm long | 10 | PG | 25 |
| MCCSB600 | Fast-Fix Channel Support Bracket for 600mm wide tray x 700mm long | 12 | PG | 25 |
| MCCSB1000 | Fast-Fix Channel Support Bracket for 1000mm wide tray x 1000mm long | 20 | PG | 25 |



Product Shown
MCCSB200

Fast-Fix Wall Bracket

| CODE | DESCRIPTION | TRAY WIDTH | LOAD (KG) | FINISH | PACK QTY |
|----------|-----------------------|------------|-----------|--------|----------|
| MCWFB100 | Fast-Fix Wall Bracket | 100 | 175 | PG | 12 |
| MCWFB150 | Fast-Fix Wall Bracket | 150 | 200 | PG | 12 |
| MCWFB200 | Fast-Fix Wall Bracket | 200 | 140 | PG | 12 |
| MCWFB300 | Fast-Fix Wall Bracket | 300 | 100 | PG | 12 |
| MCWFB400 | Fast-Fix Wall Bracket | 400 | 95 | PG | 12 |
| MCWFB450 | Fast-Fix Wall Bracket | 450 | 70 | PG | 12 |



Accessories

Steel Wire Cable Tray Systems

Fast-Fix Ceiling Bracket

| CODE | DESCRIPTION | TRAY WIDTH | LOAD (KG) | FINISH | PACK QTY |
|----------|--------------------------|------------|-----------|--------|----------|
| MCCFB100 | Fast-Fix Ceiling Bracket | 100 | 135 | PG | 50 |
| MCCFB150 | Fast-Fix Ceiling Bracket | 150 | 125 | PG | 50 |
| MCCFB200 | Fast-Fix Ceiling Bracket | 200 | 90 | PG | 50 |
| MCCFB300 | Fast-Fix Ceiling Bracket | 300 | 75 | PG | 50 |
| MCCFB400 | Fast-Fix Ceiling Bracket | 400 | 50 | PG | 50 |
| MCCFB450 | Fast-Fix Ceiling Bracket | 450 | 44 | PG | 50 |



Cantilever Bracket

| CODE | DESCRIPTION | TRAY WIDTH | FINISH | PACK QTY |
|---------|--------------------|------------|--------|----------|
| MCCB100 | Cantilever Bracket | 100 | PG | 20 |
| MCCB150 | Cantilever Bracket | 150 | PG | 20 |
| MCCB200 | Cantilever Bracket | 200 | PG | 20 |
| MCCB300 | Cantilever Bracket | 300 | PG | 20 |
| MCCB400 | Cantilever Bracket | 400 | PG | 20 |



Wall/Floor Bracket

| CODE | DESCRIPTION | TRAY WIDTH | ADDITIONAL COMPONENTS | FINISH | PACK QTY |
|---------|--------------------|------------|------------------------------------|--------|----------|
| MCWB50 | Wall/Floor Bracket | 50 | MCTCS35 / MCCB or MCB35 / MCM620NW | PG | 100 |
| MCWB100 | Wall/Floor Bracket | 100 | MCCL / MCM620NW | PG | 100 |
| MCWB150 | Wall/Floor Bracket | 150 | MCCL / MCM620NW | PG | 100 |
| MCWB200 | Wall/Floor Bracket | 200 | MCCL / MCM620NW | PG | 50 |
| MCWB300 | Wall/Floor Bracket | 300 | MCCL / MCM620NW | PG | 50 |
| MCWB400 | Wall/Floor Bracket | 400 | MCCL x 2 / MCM620NW x 2 | PG | 50 |
| MCWB450 | Wall/Floor Bracket | 450 | MCCL x 2 / MCM620NW x 2 | PG | 25 |
| MCWB500 | Wall/Floor Bracket | 500 | MCCL x 2 / MCM620NW x 2 | PG | 25 |
| MCWB600 | Wall/Floor Bracket | 600 | MCCL x 2 / MCM620NW x 2 | PG | 25 |



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 GT = Geomet
 HDG = Hot-Dip Galvanised
 PC = Powder Coated
 PG = Pre-Galvanised
 TB = Turned Brass

System Overview



MCFUSC

Fast fix universal strut clip



MCWFB

Fast fix wall bracket



MCWB

Wall bracket



MCFJC

Quik-Click side coupler



MCCA

Nut, bolt & clamp assembly



MCFCP3

Flexible conduit plate 22, 25 & 32 glands



MCSH

Suspension hanger



MCFCP

Flexible conduit plate 20 & 25mm glands



MCCB200

Cantilever bracket (other widths available)



MCAMP

Wall bracket/ACC mounting plate



MCDOP

Drop out plate



MCSP

Splice plate



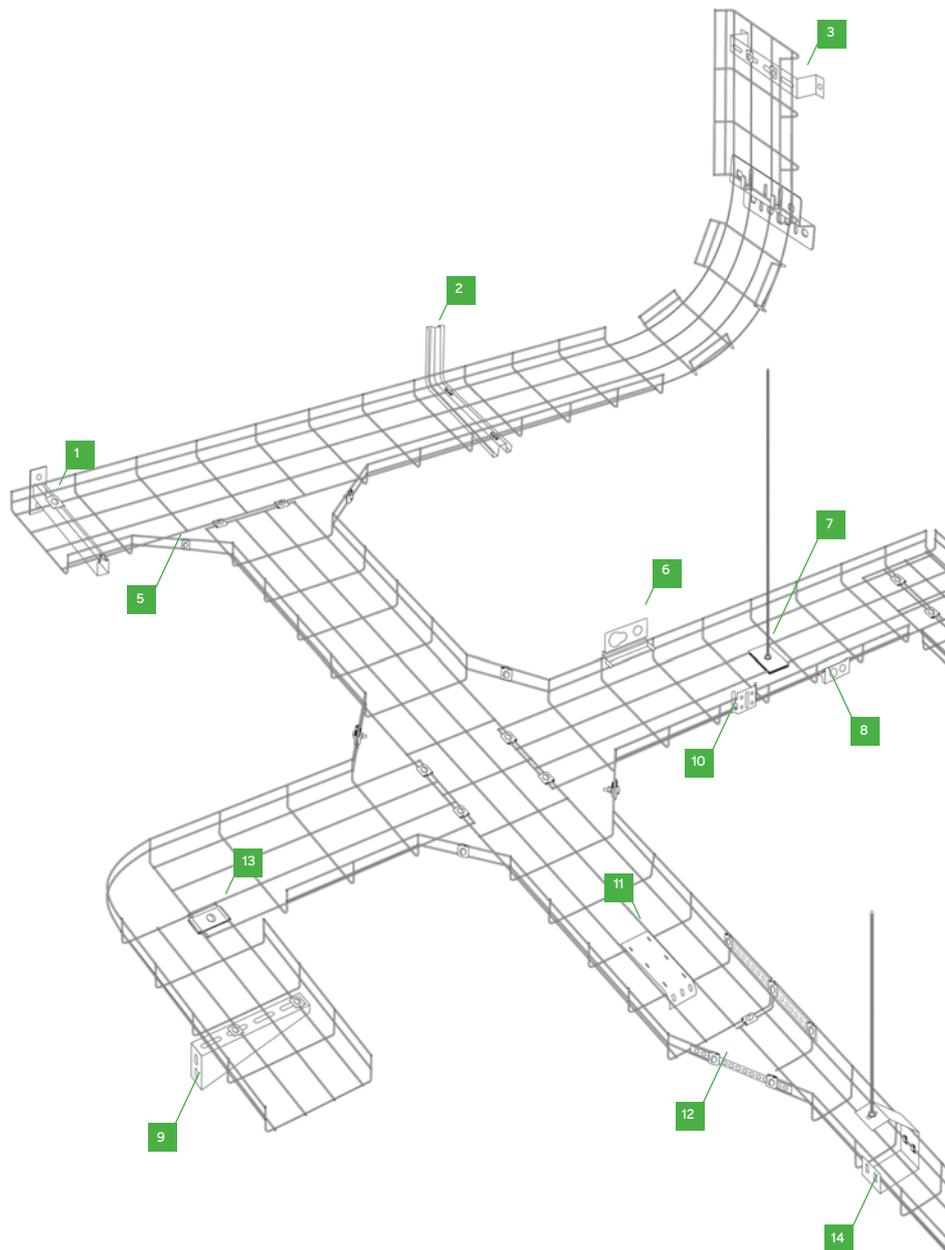
MCCL

2 MCCL large clamps with MCM620NW hex screw & flanged nut



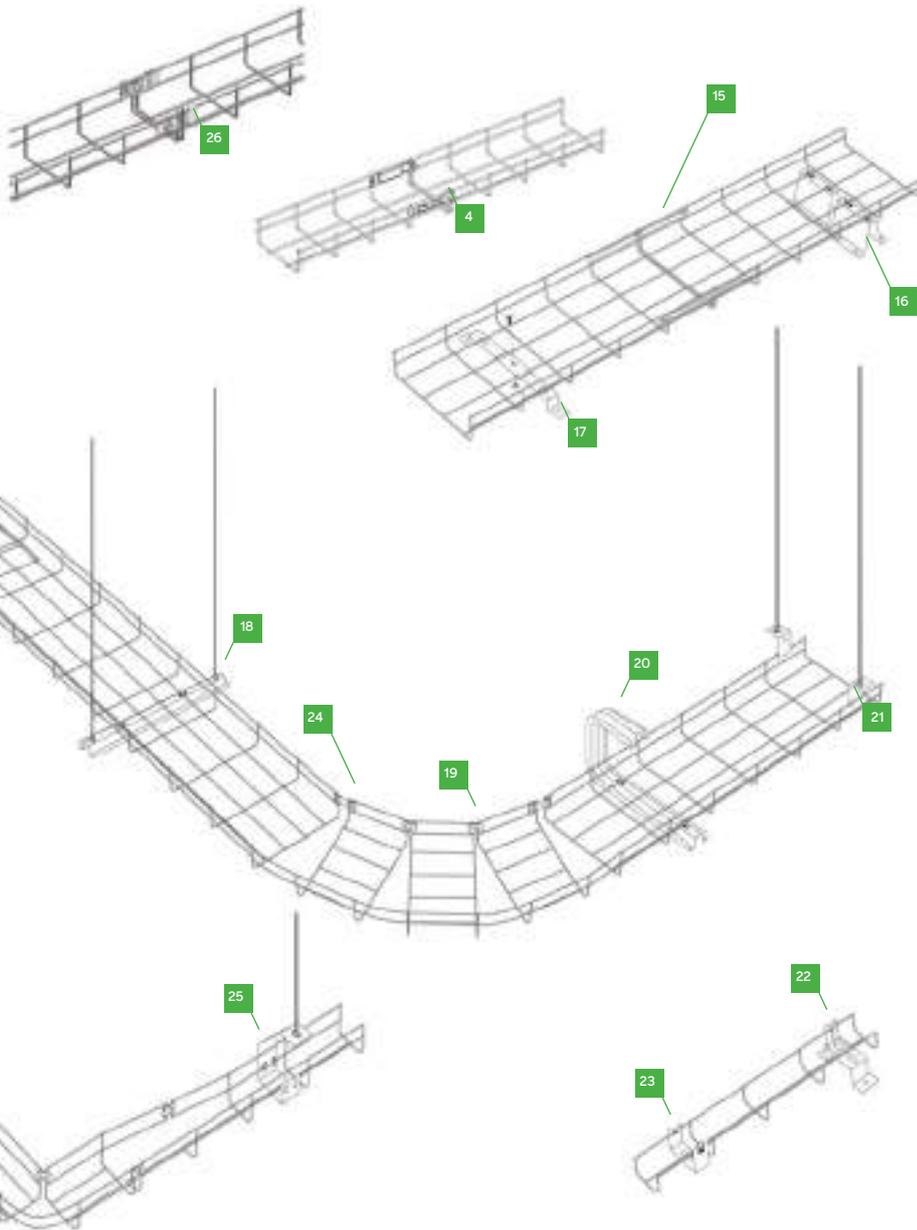
MCSB100

Suspension bracket for MC30100 & MC55100 MCSB50 & MCSB150 also available



Steel Wire
Cable Tray

System Overview



Steel Wire
Cable Tray

Steel Wire Cable Tray conforms to the following standards: BS EN 61537:2007, IEC 61537.

Steel Wire Cable Tray Systems

Introduction

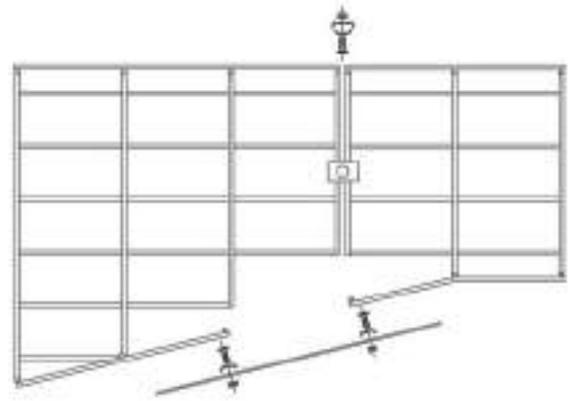
Available in Electro-Zinc, Pre-Galvanised, Powder-Coated, Hot-Dip Galvanised, Steel Wire Cable Tray is offered in three depths - 30mm, 55mm and 106mm. A wide range of fittings is available to join and support the Steel Wire Cable Tray.

The following section is intended to be used as a guide to fabricating Steel Wire Cable Tray fittings on site. A wide range of fittings and accessories are available to join the tray.

Reducers

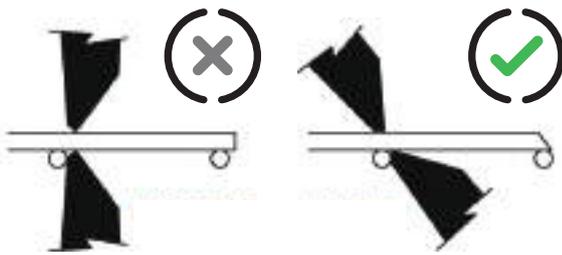


MC55300 and MC55100



Example of MC55300 - MC55200
MCCA x 3 or MCCB x 2 plus MCSP x 50mm

Wire Cutting Directions



Incorrect

Correct

Typical Fabricated Reducer Components

| CODE | COMPONENT | QTY |
|------|-----------|-----|
| MCCA | | x2 |
| MCCA | | x2 |
| MCSP | | x1 |

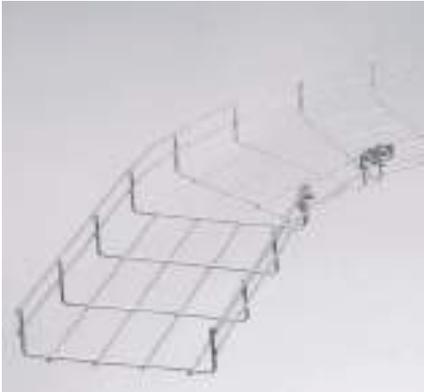
All bends are easily fabricated on-site!



Find us in the Beama best practice guide for additional installation instructions

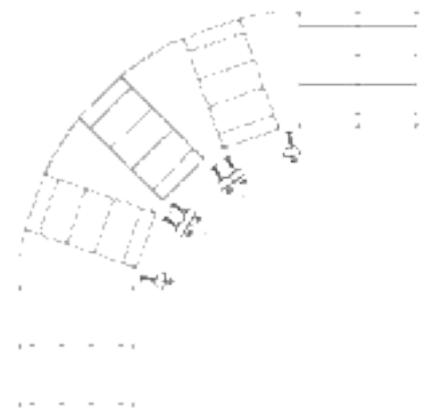
Large Radius Bend

Fabrication Guide



NEW LARGE RADIUS BEND - QUICK ASSEMBLY GUIDE

| TRAY WIDTH | 100mm | 150mm | 200mm | 300mm | 400mm | 450mm | 500mm | 600mm |
|-----------------|-------|-------|-------|-------|-------|-------|-------|-------|
| REMOVE SEGMENTS | 2 | 3 | 4 | 6 | 8 | 9 | 10 | 12 |
| MCQLS | 2 | 3 | 4 | | | | | |
| MCQLL | | | | 6 | 8 | 9 | 10 | 12 |



Alternate sections to be removed.
Example of MC55200, MCCA x 2,
MCCB x 2, MCSP x 50mm x 1
[to be cut to size on site]

| TRAY WIDTH (mm) | FASTENING TYPE | MCCB | MCCA | REMOVED SEGMENTS |
|-----------------|---|---|---|------------------|
| 100 | MCCB x 4 |  x4 | | 2 |
| 150 | MCCB x 2 MCSP x 50mm x 1 |  x3 | | 3 |
| 200 | MCCB x 2 MCSP x 50mm x 1 |  x4 | | 4 |
| 300 | MCCB x 2 MCCA x 2 MCSP x 50mm x 1 |  x2 |  x2 | 6 |
| 400 | MCCB x 2 MCCA x 4 MCSP x 50mm x 1 |  x2 |  x4 | 8 |
| 450 | MCCB x 2 MCCA x 6 MCSP x 50mm x 1 |  x2 |  x6 | 9 |
| 500 | MCCA x 9 | |  x9 | 10 |
| 600 | MCCA x 11 | |  x11 | 12 |

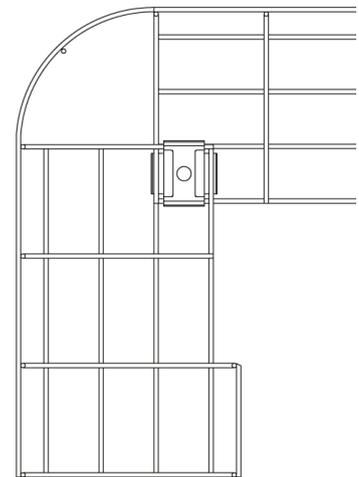
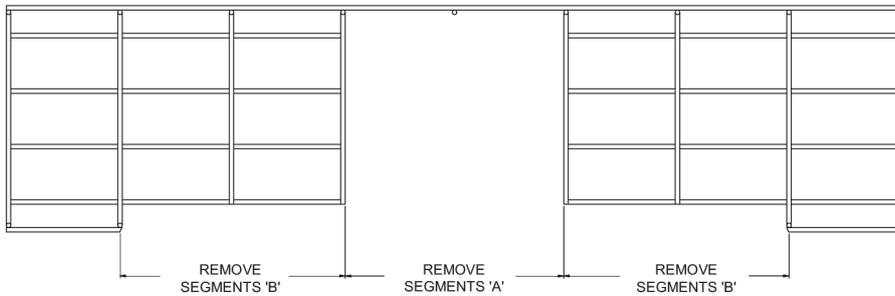
Steel Wire Cable tray conforms to the following standards: BS EN 61537:2007, IEC 61537.

Small Radius Bend

Fabrication Guide



| TRAY WIDTH (mm) | FASTENING TYPE | MCM620NW MCCL x 2 | MCCA | REMOVED SEGMENTS A | REMOVED SEGMENTS B |
|-----------------|------------------------|--|--|--------------------|--------------------|
| 100 | MCCA | |  x1 | 1 | 1 |
| 150 | MCCL x2 MCM620NW x1 |  x1 |  x1 | 1 | 2 |
| 200 | MCCL x2 MCM620NW x1 |  x1 | | 2 | 2 |
| 300 | MCCL x2 MCM620NW x1 |  x1 | | 2 | 4 |
| 400 | MCCL x2 MCM620NW x1 |  x1 | | 2 | 4 |
| 450 | MCCL x2 MCM620NW x1 |  x1 | | 2 | 4 |
| 500 | MCCL x2 MCM620NW x1 |  x1 | | 2 | 5 |
| 600 | MCCL x2 MCM620NW x1 |  x1 | | 2 | 6 |



Example of MC55200, MCCL x 2, MCM620NW x 1

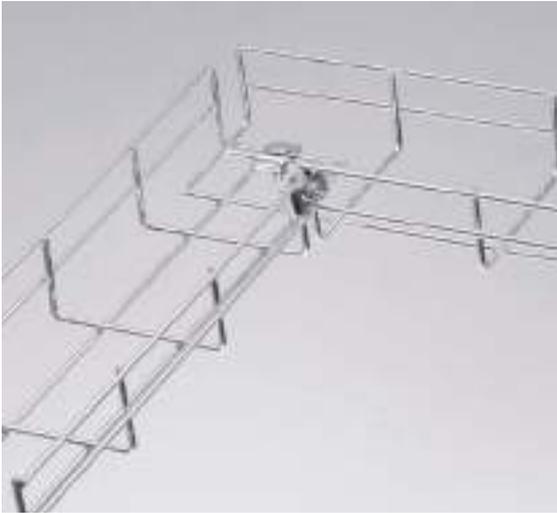


Find us in the Beama best practice guide for additional installation instructions

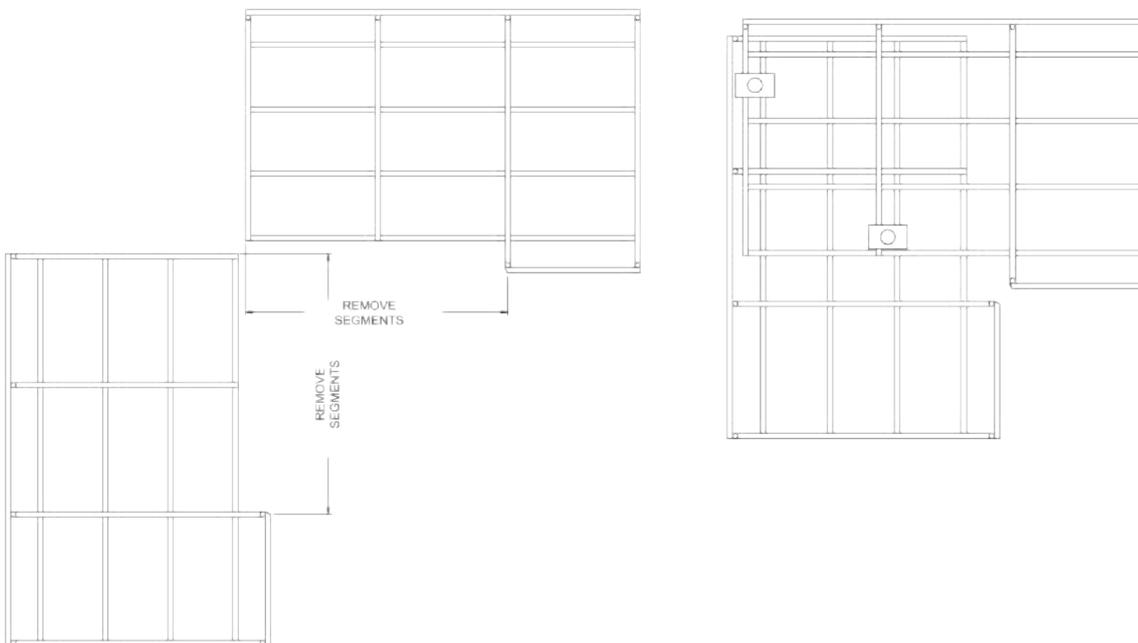


Right Angle Bend

Fabrication Guide



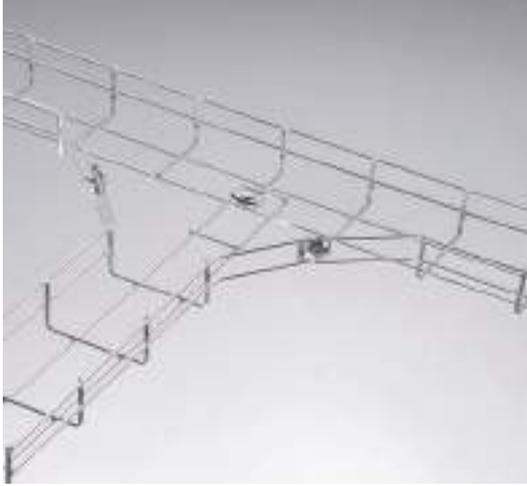
| TRAY WIDTH (mm) | FASTENING TYPE | MCCA | REMOVED SEGMENTS |
|-----------------|----------------|--|------------------|
| 100 | MCCA |  x2 | 1 |
| 150 | MCCA |  x2 | 2 |
| 200 | MCCA |  x2 | 2 |
| 300 | MCCA |  x2 | 3 |
| 400 | MCCA |  x2 | 4 |
| 450 | MCCA |  x2 | 4 |
| 500 | MCCA |  x2 | 5 |
| 600 | MCCA |  x2 | 6 |



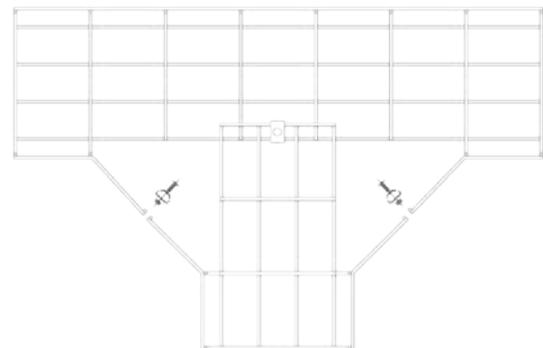
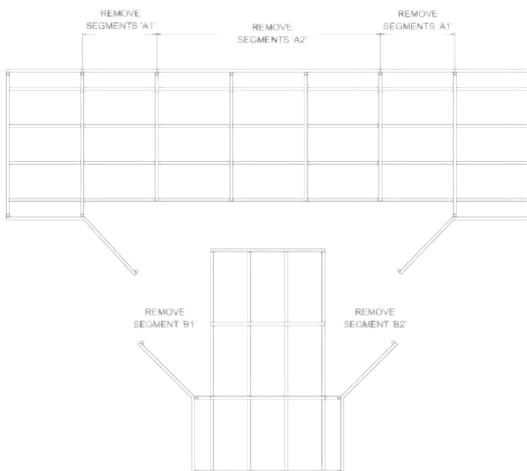
Steel Wire Cable tray conforms to the following standards: BS EN 61537:2007, IEC 61537.

Small Radius Bend

Fabrication Guide



| TRAY WIDTH (mm) | FASTENING TYPE | MCCB | MCCA | REMOVED SEGMENTS | | REMOVED SEGMENTS | |
|-----------------|---------------------------------|---|--|------------------|----|------------------|----|
| | | | | A1 | A2 | B1 | B2 |
| 100 | MCCA | |  x3 | | | 1 | 1 |
| 150 | MCCA MCCB x 2 MCSP x 50mm |  x2 |  x1 | 3 | 2 | 1 | 1 |
| 200 | MCCA | |  x3 | 3 | 2 | 1 | 1 |
| 300 | MCCA | |  x4 | 4 | 2 | 1 | 1 |
| 400 | MCCA | |  x4 | 5 | 2 | 1 | 1 |
| 450 | MCCA | |  x4 | 5 | 2 | 1 | 1 |
| 500 | MCCA MCCB x 2 MCSP x 50mm |  x2 |  x2 | 6 | 2 | 1 | 1 |
| 600 | MCCA MCCB x 2 MCSP x 50mm |  x2 |  x2 | 6 | 2 | 1 | 1 |

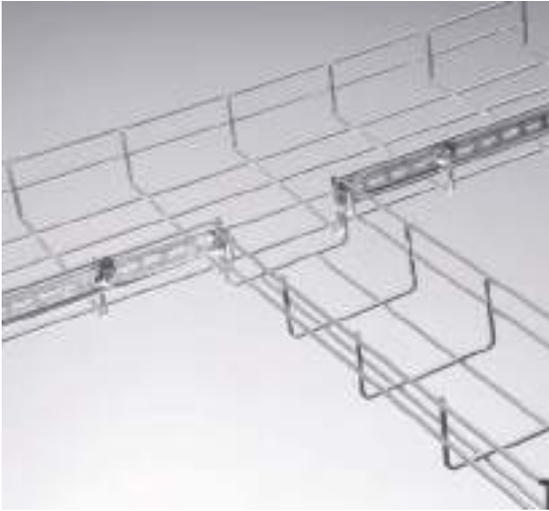


Find us in the Beama best practice guide for additional installation instructions

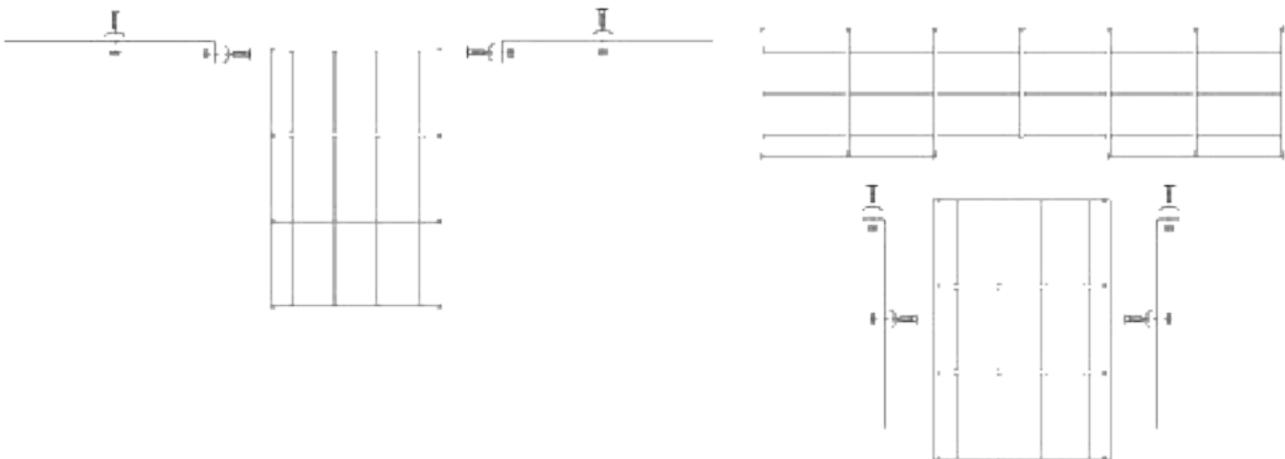
Steel Wire Cable Tray

Right Angle Bend

Fabrication Guide



| TRAY WIDTH (mm) | FASTENING TYPE | MCCB | MCSP90 | REMOVED SEGMENTS |
|-----------------|----------------|--|---|------------------|
| 100 | MCCB MCSP90 |  x4 |  x2 | 1 |
| 150 | MCCB MCSP90 |  x4 |  x2 | 2 |
| 200 | MCCB MCSP90 |  x4 |  x2 | 2 |
| 300 | MCCB MCSP90 |  x4 |  x2 | 3 |
| 400 | MCCB MCSP90 |  x4 |  x2 | 4 |
| 450 | MCCB MCSP90 |  x4 |  x2 | 4 |
| 500 | MCCB MCSP90 |  x4 |  x2 | 5 |
| 600 | MCCB MCSP90 |  x4 |  x2 | 6 |



Example shows MC55200 to MC55150

Steel Wire
Cable Tray

Steel Wire Cable tray conforms to the following standards: BS EN 61537:2007, IEC 61537.

Wall Support Brackets

Fabrication Guide - Recommendation

| REF NO | DIMENSIONS (MM) | FAST FIX WALL BRACKET | CANTILEVER BRACKET | WALL/FLOOR BRACKET | MCAMP | MCB35 |
|----------|-----------------|-----------------------|--------------------|--------------------|-------|-------|
| MC3050 | 30 x 50 | - | MCCB100* | MCWB50 | - | 1 |
| MC30100 | 30 x 100 | MCWFB100 | MCCB100 | MCWB100 / MCCSB100 | - | - |
| MC30150 | 30 x 150 | MCWFB150 | MCCB150 | MCWB150 / MCCSB150 | - | - |
| MC30200 | 30 x 200 | MCWFB200 | MCCB200 | MCWB200 / MCCSB200 | - | - |
| MC30300 | 30 x 300 | MCWFB300 | MCCB300 | MCWB300 / MCCSB300 | - | - |
| MC30400 | 30 x 400 | MCWFB400 | MCCB400 | MCWB400 / MCCSB400 | - | - |
| MC30450 | 30 x 450 | MCWFB450 | - | MCWB450 / MCCSB450 | - | - |
| MC30500 | 30 x 500 | - | - | MCWB500 / MCCSB500 | - | - |
| MC5550 | 55 x 50 | - | MCCB100* | MCWB50 | 1 | 1 |
| MC55100 | 55 x 100 | MCWFB100 | MCCB100 | MCWB100 / MCCSB100 | - | - |
| MC55150 | 55 x 150 | MCWFB150 | MCCB150 | MCWB150 / MCCSB150 | - | - |
| MC55200 | 55 x 200 | MCWFB200 | MCCB200 | MCWB200 / MCCSB200 | - | - |
| MC55300 | 55 x 300 | MCWFB300 | MCCB300 | MCWB300 / MCCSB300 | - | - |
| MC55400 | 55 x 400 | MCWFB400 | MCCB400 | MCWB400 / MCCSB400 | - | - |
| MC55450 | 55 x 450 | MCWFB450 | - | MCWB450 / MCCSB450 | - | - |
| MC55500 | 55 x 500 | - | - | MCWB500 / MCCSB500 | - | - |
| MC55600 | 55 x 600 | - | - | MCWB600 / MCCSB600 | - | - |
| MC106100 | 106 x 100 | MCWFB100 | MCCB100* | MCWB100 / MCCSB100 | - | - |
| MC106150 | 106 x 150 | MCWFB150 | MCCB100 | MCWB150 / MCCSB150 | - | - |
| MC106200 | 106 x 200 | MCWFB200 | MCCB200 | MCWB200 / MCCSB200 | - | - |
| MC106300 | 106 x 300 | MCWFB300 | MCCB300 | MCWB300 / MCCSB300 | - | - |
| MC106400 | 106 x 400 | MCWFB400 | MCCB400 | MCWB400 / MCCSB400 | - | - |
| MC106450 | 106 x 450 | MCWFB450 | - | MCWB450 / MCCSB450 | - | - |
| MC106500 | 106 x 500 | - | - | MCWB500 / MCCSB500 | - | - |
| MC106600 | 106 x 600 | - | - | MCWB600 / MCCSB600 | - | - |

* Due to a central wire running down the length of the tray a MCB35 is needed.

Steel Wire Cable Tray conforms to the following standards: BS EN 61537:2007, IEC 61537.

Suspension Brackets

Fabrication Guide

| REF NO | DIMENSIONS (MM) | SUPPORT CHANNEL STANDARD/FAST FIX | MCSB68 MCSB1012 | MCSH | MCSB50 | MCSB100 | MCSB150 |
|----------|-----------------|-----------------------------------|-----------------|------|--------|---------|---------|
| MC3050 | 30 x 50 | - | 2 | - | 1 | - | - |
| MC30100 | 30 x 100 | MCCSB100 | 2 | 1 | - | 1 | - |
| MC30150 | 30 x 150 | MCCSB150 | 2 | 1** | - | - | 1 |
| MC30200 | 30 x 200 | MCCSB200 | 2 | 1 | - | - | - |
| MC30300 | 30 x 300 | MCCSB300 | - | - | - | - | - |
| MC30400 | 30 x 400 | MCCSB400 | - | - | - | - | - |
| MC30450 | 30 x 450 | MCCSB450 | - | - | - | - | - |
| MC30500 | 30 x 500 | MCCSB500 | - | - | - | - | - |
| MC5550 | 55 x 50 | - | 2 | - | 1 | - | - |
| MC55100 | 55 x 100 | MCCSB100 | 2 | 1 | - | 1 | - |
| MC55150 | 55 x 150 | MCCSB150 | 2 | 1 | - | - | 1 |
| MC55200 | 55 x 200 | MCCSB200 | 2 | 1 | - | - | - |
| MC55300 | 55 x 300 | MCCSB300 | - | - | - | - | - |
| MC55400 | 55 x 400 | MCCSB400 | - | - | - | - | - |
| MC55450 | 55 x 450 | MCCSB450 | - | - | - | - | - |
| MC55500 | 55 x 500 | MCCSB500 | - | - | - | - | - |
| MC55600 | 55 x 600 | MCCSB600 | - | - | - | - | - |
| MC106100 | 106 x 100 | MCCSB100 | 2 | 1 | - | - | - |
| MC106150 | 106 x 150 | MCCSB150 | 2 | 1** | - | - | - |
| MC106200 | 106 x 200 | MCCSB200 | - | - | - | - | - |
| MC106300 | 106 x 300 | MCCSB300 | - | - | - | - | - |
| MC106400 | 106 x 400 | MCCSB400 | - | - | - | - | - |
| MC106450 | 106 x 450 | MCCSB450 | - | - | - | - | - |
| MC106500 | 106 x 500 | MCCSB500 | - | - | - | - | - |
| MC106600 | 106 x 600 | MCCSB600 | - | - | - | - | - |

Suspension brackets can be used effectively only up to a certain weight. For larger Steel Wire Cable Tray, support channels are recommended.

** Due to a central wire running down the length of the tray, central suspension brackets would need to be staggered.

Coupler Recommendations

Fabrication Guide

| REF NO | MCQC QUICK COUPLER | | MCCA COUPLER | | MCSSC COUPLER | MCSSCL COUPLER | MCFJC COUPLER | MCFJCM COUPLER | MCFJCL COUPLER |
|----------|--------------------|------|--------------|------|---------------|----------------|---------------|----------------|----------------|
| | SIDE | BASE | SIDE | BASE | SIDE | SIDE | SIDE | SIDE | SIDE |
| MC3050 | 2 | - | 2 | - | | | | | |
| MC30100 | 2 | - | 2 | 1 | | | | | |
| MC30150 | 2 | - | 2 | 1 | | | | | |
| MC30200 | 2 | 1 | 2 | 1 | | | | | |
| MC30300 | 2 | 1 | 2 | 2 | | | | | |
| MC30400 | 2 | 2 | 2 | 2 | | | | | |
| MC30450 | 2 | 2 | 2 | 2 | | | | | |
| MC30500 | 2 | 2 | 2 | 2 | | | | | |
| MC5550 | 2 | - | 2 | - | 2 | | 2 | | |
| MC55100 | 2 | - | 2 | 1 | 2 | | 2 | | |
| MC55150 | 2 | 1 | 2 | 1 | 2 | | 2 | | |
| MC55200 | 2 | 1 | 2 | 1 | 2 | | 2 | | |
| MC55300 | 2 | 1 | 2 | 2 | | 2 | | 2 | |
| MC55400 | 2 | 2 | 2 | 2 | | 2 | | | 2 |
| MC55450 | 2 | 2 | 2 | 2 | | 2 | | | 2 |
| MC55500 | 2 | 2 | 2 | 2 | | 2 | | | 2 |
| MC55600 | 2 | 3 | 2 | 3 | | 2 | | | 2 |
| MC106100 | 2 | 1 | 2 | 1 | | 2 | | 2 | |
| MC106150 | 2 | 1 | 2 | 1 | | 2 | | 2 | |
| MC106200 | 2 | 1 | 2 | 1 | | 2 | | | 2 |
| MC106300 | 2 | 2 | 2 | 2 | | 2 | | | 2 |
| MC106400 | 2 | 3 | 2 | 3 | | 2 | | | 2 |
| MC106450 | 2 | 3 | 2 | 3 | | 2 | | | 2 |
| MC106500 | 2 | 3 | 2 | 3 | | 2 | | | 2 |
| MC106600 | 2 | 3 | 2 | 3 | | 2 | | | 2 |

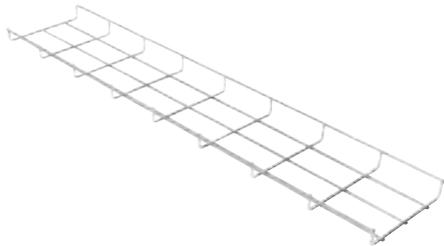
This table is intended to be used as a guide only.
For large volumes of cable, more support may be necessary

Cable Capacities

Fabrication Guide

30mm Depth

Steel Wire Cable Tray

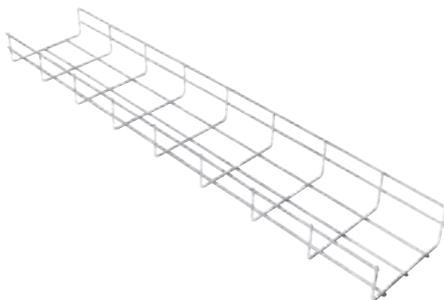


TABLES SHOWING APPROXIMATE CABLE CAPACITIES OF ALL STEEL WIRE CABLE TRAYS USING A 50% FILL RATIO

| MC30 | | | APPROX CABLE CAPACITY UNDER NEC 50% RULE | | |
|------------|------------------------------------|--|--|-----------------------------|----------------------------|
| CABLE TRAY | TOTAL FILL AREA (mm ²) | NEC 50% RULE: ALLOWABLE FILL AREA (mm ²) | CAT5e 4-pr UTP (4.9mm diam) | CAT 6 4-pr UTP (6.5mm diam) | CAT 6a 4-pr UTP (8.9 diam) |
| MC3050 | 1400 | 700 | 37 | 21 | 11 |
| MC30100 | 2800 | 1400 | 74 | 42 | 23 |
| MC30150 | 4200 | 2100 | 111 | 63 | 34 |
| MC30200 | 5600 | 2800 | 148 | 84 | 45 |
| MC30300 | 8400 | 4200 | 223 | 127 | 68 |

55mm Depth

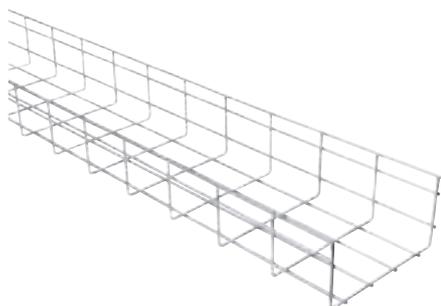
Steel Wire Cable Tray



| MC55 | | | APPROX CABLE CAPACITY UNDER NEC 50% RULE | | |
|------------|------------------------------------|--|--|-----------------------------|----------------------------|
| CABLE TRAY | TOTAL FILL AREA (mm ²) | NEC 50% RULE: ALLOWABLE FILL AREA (mm ²) | CAT5e 4-pr UTP (4.9mm diam) | CAT 6 4-pr UTP (6.5mm diam) | CAT 6a 4-pr UTP (8.9 diam) |
| MC5550 | 2600 | 1300 | 69 | 39 | 21 |
| MC55100 | 5200 | 2600 | 138 | 78 | 42 |
| MC55150 | 7800 | 3900 | 207 | 118 | 63 |
| MC55200 | 10400 | 5200 | 276 | 157 | 84 |
| MC55300 | 15600 | 7800 | 414 | 235 | 125 |
| MC55400 | 20800 | 10400 | 552 | 313 | 167 |
| MC55450 | 23400 | 11700 | 620 | 353 | 188 |
| MC55500 | 26000 | 13000 | 689 | 392 | 209 |
| MC55600 | 31200 | 15599.95 | 827 | 470 | 251 |

106mm Depth

Steel Wire Cable Tray



| MC106 | | | APPROX CABLE CAPACITY UNDER NEC 50% RULE | | |
|------------|------------------------------------|--|--|-----------------------------|----------------------------|
| CABLE TRAY | TOTAL FILL AREA (mm ²) | NEC 50% RULE: ALLOWABLE FILL AREA (mm ²) | CAT5e 4-pr UTP (4.9mm diam) | CAT 6 4-pr UTP (6.5mm diam) | CAT 6a 4-pr UTP (8.9 diam) |
| MC106100 | 10303 | 5152 | 273 | 155 | 83 |
| MC106150 | 15452 | 7726 | 410 | 233 | 124 |
| MC106200 | 20600 | 10300 | 546 | 310 | 166 |
| MC106300 | 30903 | 15452 | 819 | 466 | 248 |
| MC106400 | 41200 | 20600 | 1092 | 621 | 331 |
| MC106450 | 46348 | 23174 | 1229 | 698 | 373 |
| MC106500 | 51503 | 26752 | 1366 | 776 | 414 |
| MC106600 | 617800 | 30900 | 1639 | 931 | 497 |

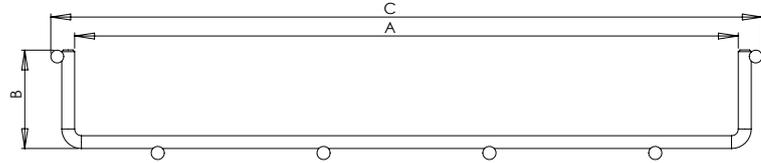
Specification for MC30 Steel Wire Cable Tray

Product Code

MC30 Range

Product Description

30mm deep Steel Wire Cable Tray
50 x 100 mm mesh configuration



Product Dimensions

- MC3050 - 30 x 50 mm
- MC30100 - 30 x 100 mm
- MC30150 - 30 x 150 mm
- MC30200 - 30 x 200 mm
- MC30300 - 30 x 300 mm
- MC30400 - 30 x 400 mm
- MC30450 - 30 x 450 mm
- MC30500 - 30 x 500 mm

Standard 3M Length

| PART CODE | 'A' DIMENSION | 'B' DIMENSION | 'C' DIMENSION |
|-----------|---------------|---------------|---------------|
| MC3050 | 50 | 30 | 64 |
| MC30100 | 100 | 30 | 114 |
| MC30150 | 150 | 30 | 164 |
| MC30200 | 200 | 30 | 214 |
| MC30300 | 300 | 30 | 316 |
| MC30400 | 400 | 30 | 416 |
| MC30450 | 450 | 30 | 466 |
| MC30500 | 500 | 30 | 516 |

Applicable Standards:

- BS EN 61537 (Cable tray systems)
- BS EN ISO 10244 (Steel wire and wire products)
- BS EN ISO 1461 (Hot dip galvanised coatings)
- BS EN ISO 2081 (Metallic and other inorganic coatings)
- BS EN 13438 (Powder organic coatings)

Product Specification:

Manufactured: Machine welded from steel wire rod

Cable Capacities

| MC30 | | | APPROX CABLE CAPACITY UNDER NEC 50% RULE | | |
|------------|------------------------------------|--|--|-----------------------------|------------------------------|
| CABLE TRAY | TOTAL FILL AREA (mm ²) | NEC 50% RULE: ALLOWABLE FILL AREA (mm ²) | CAT 5e 4-pr UTP (4.9mm diam) | CAT 6 4-pr UTP (6.5mm diam) | CAT 6a 4-pr UTP (8.9mm diam) |
| MC3050 | 1400 | 700 | 37 | 21 | 11 |
| MC30100 | 2800 | 1400 | 74 | 42 | 23 |
| MC30150 | 4200 | 2100 | 111 | 63 | 34 |
| MC30200 | 5600 | 2800 | 148 | 84 | 45 |
| MC30300 | 8400 | 4200 | 223 | 127 | 68 |

Finishes

- PG - Pre-Galvanised
- HDG - Hot-Dip Galvanised
- EZ - Electro Zinc
- PC - Powder Coated

MC55 Range

Specification for MC55 Steel Wire Cable Tray

Product Code

MC55 Range

Product Description

55mm deep Steel Wire Cable Tray
50 x 100 mm mesh configuration

Product Dimensions

MC5550 - 55 x 50 mm
MC55100 - 55 x 100 mm
MC55150 - 55 x 150 mm
MC55200 - 55 x 200 mm
MC55300 - 55 x 300 mm
MC55400 - 55 x 400 mm
MC55450 - 55 x 450 mm
MC55500 - 55 x 500 mm
MC55600 - 55 X 600 mm

Standard 3M Length

Applicable Standards:

BS EN 61537 (Cable tray systems)
BS EN ISO 10244 (Steel wire and wire products)
BS EN ISO 1461(Hot dip galvanised coatings)
BS EN ISO 2081 (Metallic and other inorganic coatings)
BS EN 13438 (Powder organic coatings)

Product Specification:

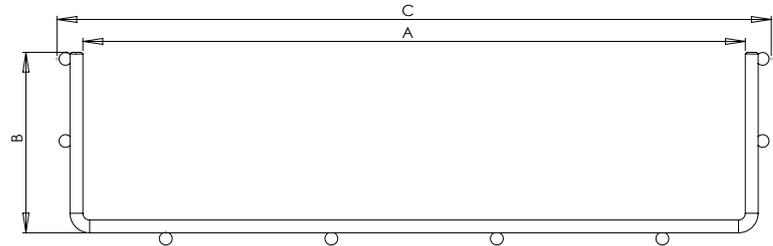
Manufactured: Machine welded from steel wire rod

Cable Capacities

| MC55 | | | APPROX CABLE CAPACITY UNDER NEC 50% RULE | | |
|------------|------------------------------------|--|--|-----------------------------|------------------------------|
| CABLE TRAY | TOTAL FILL AREA (mm ²) | NEC 50% RULE: ALLOWABLE FILL AREA (mm ²) | CAT 5e 4-pr UTP (4.9mm diam) | CAT 6 4-pr UTP (6.5mm diam) | CAT 6a 4-pr UTP (8.9mm diam) |
| MC5550 | 2600 | 1300 | 69 | 39 | 21 |
| MC55100 | 5200 | 2600 | 138 | 78 | 42 |
| MC55150 | 7800 | 3900 | 207 | 118 | 63 |
| MC55200 | 10400 | 5200 | 276 | 157 | 84 |
| MC55300 | 15600 | 7800 | 414 | 235 | 125 |
| MC55400 | 20800 | 10400 | 552 | 313 | 167 |
| MC55450 | 23400 | 11700 | 620 | 353 | 188 |
| MC55500 | 26000 | 13000 | 689 | 392 | 209 |
| MC55600 | 31200 | 15599.95 | 827 | 470 | 251 |

Finishes

PG - Pre-Galvanised
HDG - Hot-Dip Galvanised
EZ - Electro Zinc
PC - Powder Coated



| PART CODE | 'A' DIMENSION | 'B' DIMENSION | 'C' DIMENSION |
|-----------|---------------|---------------|---------------|
| MC5550 | 50 | 55 | 64 |
| MC55100 | 100 | 55 | 114 |
| MC55150 | 150 | 55 | 164 |
| MC55200 | 200 | 55 | 214 |
| MC55300 | 300 | 55 | 316 |
| MC55400 | 400 | 55 | 416 |
| MC55450 | 450 | 55 | 468 |
| MC55500 | 500 | 55 | 518 |
| MC55600 | 600 | 55 | 618 |

Specification for MC106 Steel Wire Cable Tray

Product Code

MC106 Range

Product Description

106mm deep Steel Wire Cable Tray
50 x 100 mm mesh configuration

Product Dimensions

MC106100 - 106 x 100 mm
MC106150 - 106 x 150 mm
MC106200 - 106 x 200 mm
MC106300 - 106 x 300 mm
MC106400 - 106 x 400 mm
MC106450 - 106 x 450 mm
MC106500 - 106 x 500 mm
MC106600 - 106 x 600 mm

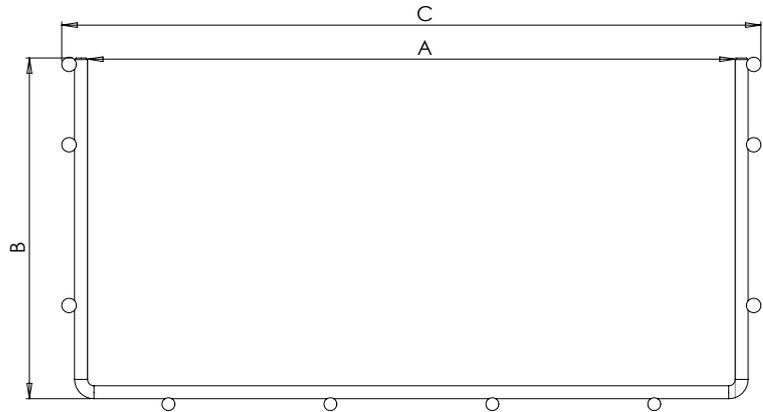
Standard 3M Length

Applicable Standards:

BS EN 61537 (Cable tray systems)
BS EN ISO 10244 (Steel wire and wire products)
BS EN ISO 1461 (Hot dip galvanised coatings)
BS EN ISO 2081 (Metallic and other inorganic coatings)
BS EN 13438 (Powder organic coatings)

Product Specification:

Manufactured: Machine welded from steel wire rod



| PART CODE | 'A' DIMENSION | 'B' DIMENSION | 'C' DIMENSION |
|-----------|---------------|---------------|---------------|
| MC106100 | 100 | 106 | 114 |
| MC106150 | 150 | 106 | 164 |
| MC106200 | 200 | 106 | 214 |
| MC106300 | 300 | 106 | 316 |
| MC106400 | 400 | 106 | 418 |
| MC106450 | 450 | 106 | 468 |
| MC106500 | 500 | 106 | 518 |
| MC106600 | 600 | 106 | 618 |

Cable Capacities

| MC106 | | | APPROX CABLE CAPACITY UNDER NEC 50% RULE | | |
|------------|------------------------------------|--|--|-----------------------------|------------------------------|
| CABLE TRAY | TOTAL FILL AREA (mm ²) | NEC 50% RULE: ALLOWABLE FILL AREA (mm ²) | CAT 5e 4-pr UTP (4.9mm diam) | CAT 6 4-pr UTP (6.5mm diam) | CAT 6a 4-pr UTP (8.9mm diam) |
| MC106100 | 10303 | 5152 | 273 | 155 | 83 |
| MC106150 | 15452 | 7726 | 410 | 233 | 124 |
| MC106200 | 20600 | 10300 | 546 | 310 | 166 |
| MC106300 | 30903 | 15452 | 819 | 466 | 248 |
| MC106400 | 41200 | 20600 | 1092 | 621 | 331 |
| MC106450 | 46348 | 23174 | 1229 | 698 | 373 |
| MC106500 | 51503 | 25752 | 1366 | 776 | 414 |
| MC106600 | 617800 | 30900 | 1639 | 931 | 497 |

Finishes

PG - Pre-Galvanised
HDG - Hot-Dip Galvanised
EZ - Electro Zinc
PC - Powder Coated

MCFJC Range

Specification for MCFJC Range

Product Code

MCFJC Range

Product Description

Fast Joining Coupler Small, Medium, Large

Product Dimensions

S - 115 x 20 x 1.2mm

M - 116.5 x 18.5 x 1.2mm

L - 117 x 18.5 x 1.2mm

MCFJC30 - 115 x 30 x 1,2mm

MCFJC30-M - 116.50 x 28.5 x 1.2mm

Utilisation

Pre-attached to lengths of Steel Wire Cable Tray.
Couples two lengths of tray quickly and securely.

Applicable Standards:

BS EN 61537 (Cable tray systems)

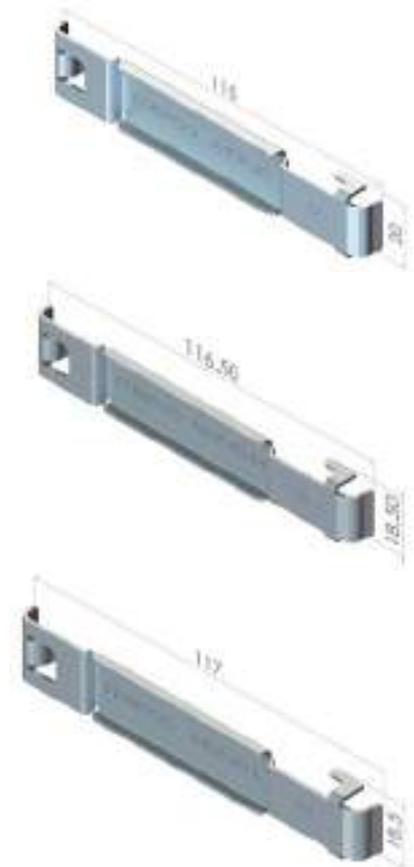
BS EN ISO 2081 (Metallic and other inorganic coatings)

Product Specification:

Manufactured: Power-pressed from stripped steel

Material Specification: (if applicable)

65Mn sprung steel



Steel Wire
Cable Tray

| C | S | Si | Mn | P | Cr | Ni | Cu |
|-------|--------|-------|-------|--------|-------|-------|-------|
| 0.65% | 0.018% | 0.25% | 1.13% | 0.021% | 0.22% | 0.19% | 0.17% |

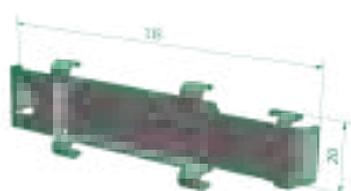
| | |
|------------------|---------|
| Yield Strength | 785 MPa |
| Tensile Strength | 981 MPa |
| Elongation | 21% |

The above are typical test results and do not constitute any part of a specification

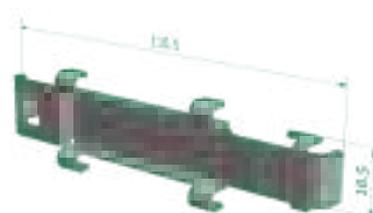
Finishes

EZ - Electro Zinc, suitable for use with Electro-Zinc trays

MCFJC30 Range



MCFJC30



MCFJC30-M

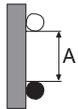
Separation between telecoms cabling

BS 50174-2 - Separation between Power & Information Technology Cables

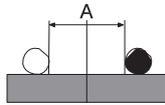
In installations where the horizontal wire cable tray length is less than 35m no separation is required, in case of screened cabling. For lengths greater than 35m, the separation distances apply to the full length excluding the final 15m attached to the outlet.

Please see table below:

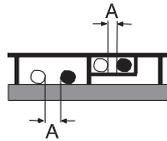
| | Distance A | | |
|--|---|-------------------|---------------|
| | Without divider or non metallic divider | Aluminium Divider | Steel Divider |
| Unscreened power and data cable | 200mm | 100mm | 50mm |
| Unscreened power cable and screened IT cable | 50mm | 20mm | 5mm |
| Screened power cable and unscreened IT cable | 30mm | 20mm | 2mm |
| Screened power cable and screened IT cable | 0mm | 0mm | 0mm |



Wall installation



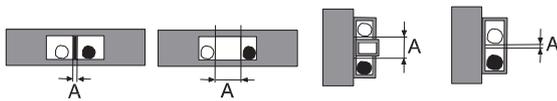
Floor or ceiling installation



Raised floor or ceiling installation

Note - All cables should be fixed. For cables with fixing, minimum distance is the distance that is the worst situation between fixing points. Without fixing, 0mm distance shall be taken into consideration.

Example of power cable and information technology cables that run parallel without divider.



Underfloor system

Wall mounted system

Material Specification

Steel Wire Cable Tray Material Specification

Chemical Composition

| C | Mn | Si | S | P |
|-------|--------|--------|--------|--------|
| 0.60% | 0.450% | 0.140% | 0.034% | 0.026% |

Mechanical Characteristics

3.1.B:EN 10204

| | |
|------------------|-------------------------|
| Tensile Strength | 75.2 kg/mm ² |
| | 738 N/mm ² |

| | |
|----------------|-------------------------|
| Yield Strength | 67.7 Kg/mm ² |
| | 664 N/mm ² |

Product

Bright mild steel drawn wire 3.9mm OD. Coil 900Kgs.

Standard

Steel Wire Standard C9D, UNE EN 100016-2

Size

Tolerance 0/0.2mm

| | | | |
|-------------|-------|---------------------------|--------------------|
| Nominal OD: | 3.9mm | Max: 3.9mm Min: 3.88mm | Real OD: 3.89mm |
| Nominal OD: | 4.4mm | Max: 4.4mm Min: 4.38mm | Real OD: 4.39mm |
| Nominal OD: | 4.9mm | Max: 4.9mm Min: 4.88mm | Real OD: 4.89mm |

Product Testing Methods

Installation Test Area

Atkore Marco has created an installation test area at our factory premises, where all uPVC trunking and fittings can be installed and tested in a realistic setting.

Atkore Marco has a spectrophotometer to carry out in-house colour testing, external fire testing (Warrington Fire Testing), in-house quality/testing procedures and supplier test measurements for the uPVC compound Marco purchases.

Thermal Expansion uPVC

It is recommended not to run the installation at high temperatures for long periods of time. The table below shows the various temperatures for the different uPVC trunking stages:

| TEMPERATURE RANGE °C | MIN | MAX |
|----------------------|-----|-----|
| STORAGE | -5 | +50 |
| INSTALLATION | -5 | +50 |
| OPERATING | -5 | +50 |



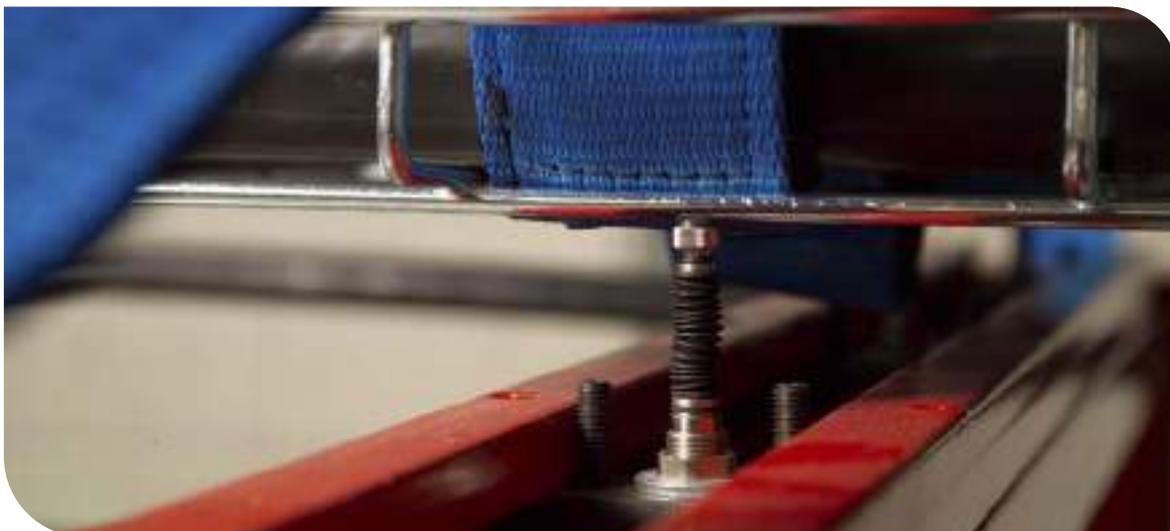
Water Absorption uPVC

Negligible.

Testing Facility

Atkore Marco has further demonstrated its commitment to producing the highest quality products on the market by investing in a high-tech suite of specialist test equipment.

To date, Atkore Marco is the only UK manufacturer of Steel Wire Cable Tray to own such high specification in-house testing equipment, which will ensure all products are fully compliant with IEC61537 and related standards. Atkore Marco is now able to regularly carry out full deflection tests on all products, and is testing alternative configurations with a view to developing the next generation of trays for the UK and European Markets.



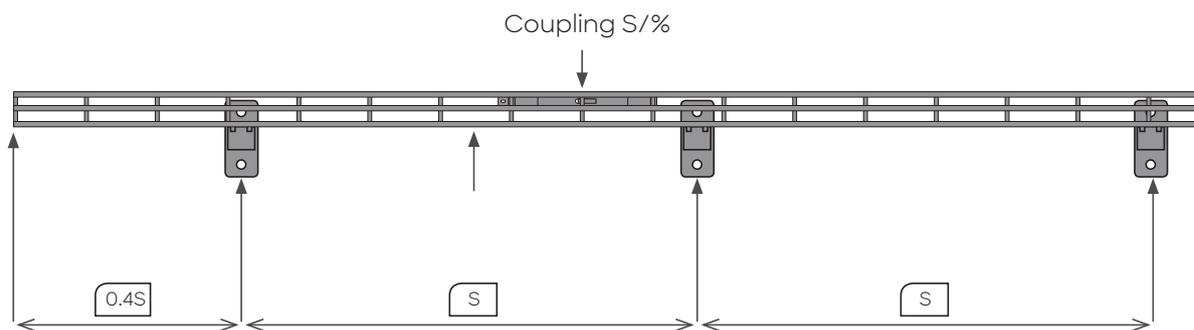
Testing

Product Testing Methods

Safe Working Load

Steel Wire Cable Trays are tested across two spans and a cantilever. The deflection is measured on the central span using three sensors placed on the sides and at the centre to the tray. The test method conforms to the BSEN 61537 standard.

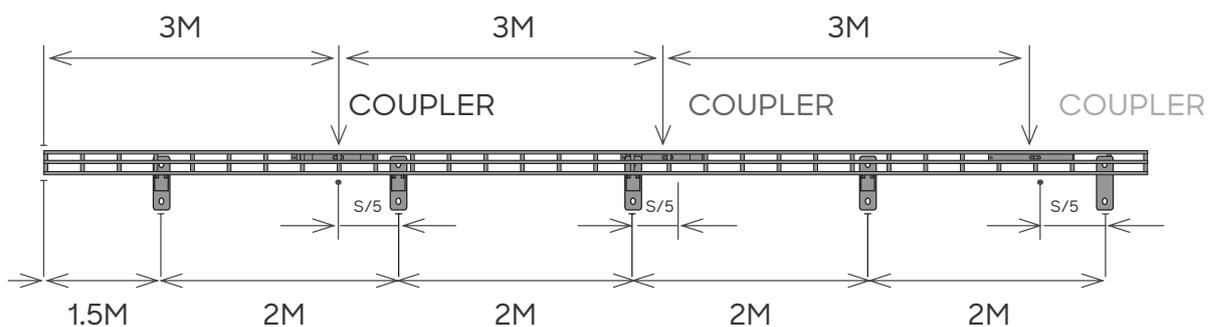
Note: The maximum deflection of 1/100 is always reached for a lesser load than that of the safety load. (The breaking point divided by a safety co-efficient of 1.7). CEI/61537



Recommended Support Spacing

There is an optimum configuration to obtain 2 metre spans without the couplings being positioned at the supports or in the middle of the spans.

To obtain this result, the first span is deliberately limited to 1.5 metres, then the supports are placed approximately every 2 metres. The coupling points are therefore always 0.5 metres from a support.



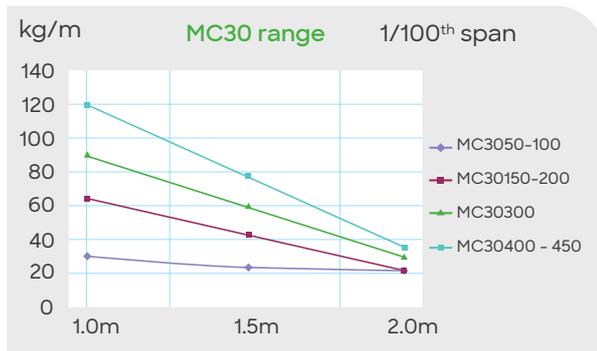
Product Testing Methods

Permissible Load

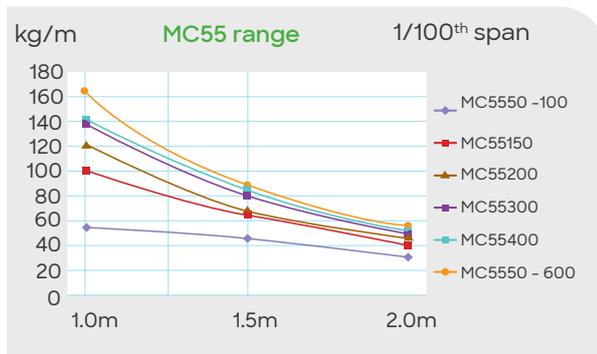
Permissible loads are tested for a maximum deflection of 1/100th of the span, with a coupling positioned at 1/5th of the span from the support.

The coefficient applied to the load for coupling in the middle of the span - 0.7.

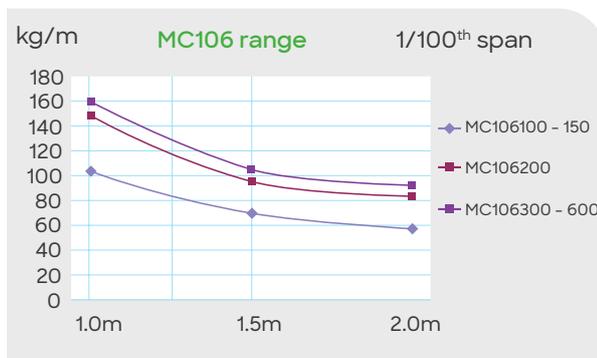
Permissible load for maximum sag = $L/100$ on the intermediate span, coupling at 1/5th of the span.



| MC30 | |
|---------|-----------|
| CODE | SIZE (mm) |
| MC3050 | 30 x 50 |
| MC30100 | 30 x 100 |
| MC30150 | 30 x 150 |
| MC30200 | 30 x 200 |
| MC30300 | 30 x 300 |
| MC30400 | 30 x 400 |
| MC30450 | 30 x 450 |
| MC30500 | 30 x 500 |



| MC55 | |
|---------|-----------|
| CODE | SIZE (mm) |
| MC5550 | 55 x 50 |
| MC55100 | 55 x 100 |
| MC55150 | 55 x 150 |
| MC55200 | 55 x 200 |
| MC55300 | 55 x 300 |
| MC55400 | 55 x 400 |
| MC55450 | 55 x 450 |
| MC55500 | 55 x 500 |
| MC55600 | 55 x 600 |



| MC106 | |
|----------|-----------|
| CODE | SIZE (mm) |
| MC106100 | 106 x 100 |
| MC106150 | 106 x 150 |
| MC106200 | 106 x 200 |
| MC106300 | 106 x 300 |
| MC106400 | 106 x 400 |
| MC106450 | 106 x 450 |
| MC106500 | 106 x 500 |
| MC106600 | 106 x 600 |

Testing

Product Testing Methods

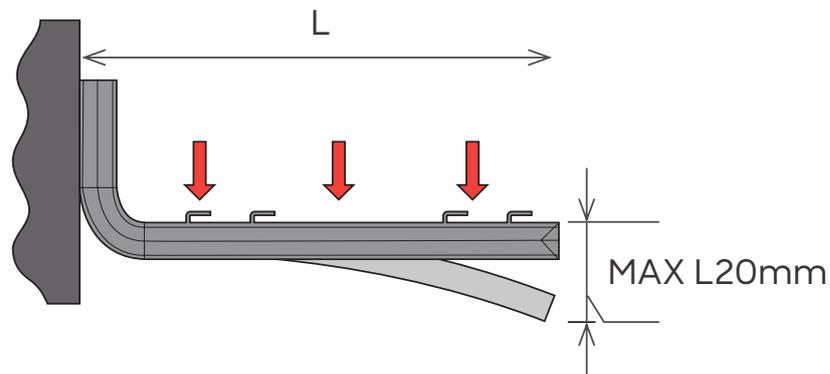
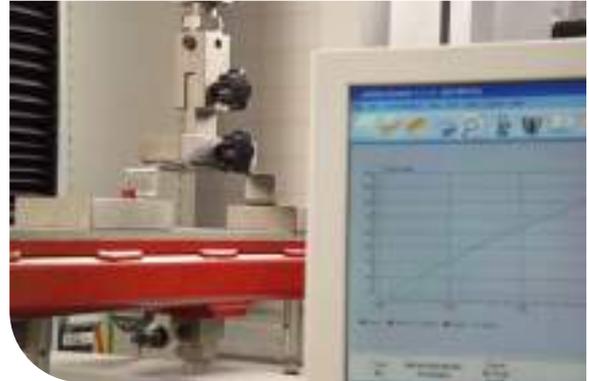
Supports

The brackets are characterised by their permissible loads (in Kg).

The hangers are characterised by their permissible torques (in Kg.m). All supports are tested and conform with the standard BSEN61537.

The safe working load (SWL) as defined by the standard is the lowest value of either:

The load creating a deflection of $L/20$ at the end
The breaking load divided by 1.7, if the deflection at $L/20$ is not reached

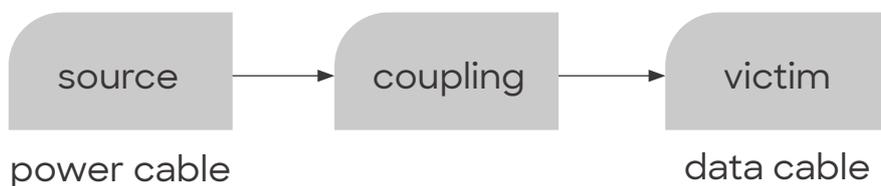


Electro-Magnetic Compatibility

Atkore Marco engage the services of York EMC, part of The University of York, to investigate shielding effectiveness of Marco Steel Wire Cable Tray.

Steel Wire Cable Tray is found to outperform the 200mm spacing configuration required by BSEN50174-2 proven by the independently commissioned EMC tests.

This indicates that Atkore Marco's Steel Wire Cable Tray can offer a more efficient and compact installation (rather than relying on spacing).



Product Testing Methods

Electrical Continuity

Atkore Marco engage the services of York EMC, part of The University of York to measure the resistance of Steel Wire Cable Tray and an MCQC.

The resistance tests are in comparison with requirements EN537:2007 clause 11.1, electrical continuity [1].

An electrical current is passed through the system in order to measure the resistance of the coupler. The lower the resistance, the better the electrical continuity.

The maximum Steel Wire Cable Tray impedance per metre is set at $5\text{m}\Omega$, while the value recorded using Atkore Marco's Steel Wire Cable Tray is $1.3\text{m}\Omega$, over 3 times more effective than the requirement specified.

Under the requirements of the standard, couplers must have a maximum resistance of $50\text{m}\Omega$. On average, Atkore Marco couplers are found to have a resistance of $0.44\text{m}\Omega$, over 100 times more effective than the specified requirement.

The Steel Wire Cable Tray and coupler exceed the requirements of the BSEN61537:2007 standard for the electrical continuity clause 11.1.

Short Circuit Testing

Atkore Marco has carried out short circuit tests at an independent laboratory in Europe in order to prove that our Steel Wire Cable Tray is designed and manufactured with sufficient strength to withstand a short circuit fault.

Steel Wire Cable Tray is tested in accordance with the standard that governs the manufacture of cable cleats, IEC6914:2009 (Cable Cleats for Electrical Installations) in order to prove that the system can be used for installations where there is a fault requirement.

During the test, two lengths of MC106450 (106mm high x 450mm wide) Steel Wire Cable Tray are supported and attached at intervals of 1.5 metres to three pieces of strut supports. The Steel Wire Cable Trays were coupled together at 1/5th of the span (300mm from the support) using four MCQC (Atkore Marco quick coupler), on the walls and base of the tray. The cables used to carry the current for the short circuit are placed in a trefoil installation using Ellis Patent's 'stainless steel' Vulcan + cleats positioned at intervals of 500mm along the length of the tray.

Testing in accordance with the standard IEC 61914:2009 clause 6.4.3, a current of 106KA is again passed through the same test object, with an inspection once more confirming that there had been no damage to the system.

The tests confirm that Steel Wire Cable Tray is produced with enough strength and quality to withstand short circuits, enabling the system to be specified on a wide range of electrical installations.



Testing

Product Testing Methods

Fast-Fix Strut Clip (MCFUSC)

The quick fit strut clip (MCFUSC) is ideal for a wide range of installations, including modular builds, as it is able to be fitted prior to transit, without the need of additional securing clips.

In order to prove that the MCFUSC can be used in even the most complex of installations, Atkore Marco undertake bespoke testing to the conditions of British Standard BSEN61537.

To determine a safe working load for the MCFUSC, a test is devised by fitting a length of MC55200EZ (55 x 200mm) Steel Wire Cable Tray to a piece of Unistrut channel, attached using two MCFUSC clips.

The machine is then set to pull away from the centre position up to a maximum force of 80Kg, until either the Steel Wire Cable Tray deflected 5mm in height, or the MCFUSC failed.

The Steel Wire Cable Tray reaches the desired deflection of 5mm with the MCFUSC holding securely in place.

Atkore Marco can therefore prove that the MCFUSC has a safe working load of 80Kg.



Environmental

All products are produced to all applicable environmental standards. No compounds used contain any substances classified as health hazards according to EEC directive 1999/45/EC and the UK CHIP Statutory Instrument 2002 to 1689.

100% of all possible recycled uPVC material is re-used in the manufacture of Atkore Marco trunking systems. Recycled material is only used in the manufacture of our uPVC trunking bases, in order to allow the visible elements and accessories to retain their pure white finish. In order to maintain the highest quality possible and keep tolerances above the required level, the ratio of regrind to virgin material does not exceed a predetermined percentage.

All Atkore Marco Steel Wire Cable Trays are manufactured from a steel wire rod comprising 100% recycled material. 100% of the minimal amount of scrap Steel Wire Cable Tray produced is sold locally for reprocessing. Atkore Marco Steel Wire Cable Tray production is UK based, reducing both its 'product-miles' and carbon footprint to a minimum and setting it apart from its main competitors.

Atkore Marco recognises that it can extend its sustainability policy beyond its own business and encourage customers to return old products for recycling and reprocessing into good production.

All products are RoHS compliant and meet REACH credentials and the company is supporting their customers towards achieving a high BREEAM rating or other accreditations.



Longdean School

CLIENT

Interserve

PROJECT

Longdean School

SECTOR

Education

PRODUCTS

uPVC Trunking
Power Poles



Atkore Marco's presence within the UK education sector continues to grow from strength to strength, the firm's Elite 3 uPVC trunking being utilised at Interserve's pioneering PF2 scheme.

The £150 million HLR Schools project involves the demolition and new build of seven secondary schools in the South East of England.

Developed under a challenging time frame, a uniformed and standardised approach across all seven sites was critical. Atkore Marco's Elite 3 trunking formed part of the specification applied across all projects in line with the wider approach.

Enabling works began in March 2015. Developed in phases concurrently, the new builds were constructed on existing playing fields and car parks. Upon completion the old buildings have been demolished and the sites made good for recreational use.

Stuart Langridge (Associate Director) for Interserve Engineering Services explained: "We recognise the synergy between Atkore Marco's Elite trunking and the education market and appreciated their experience within this sector, as well as the many benefits that the product presented.

"As with all of our specifications, careful consideration was given to quality. Future-proofing was another major factor, and how this could be managed, so the Elite trunking was a perfect fit for the Cat6 structured cabling solution. The Education Funding Agency approved use of the Elite products during the design and planning phase, this was pre-agreed far in advance of installation work.

"In terms of volume, we have ordered vast quantities of Elite trunking across all seven sites. Our team were impressed with ease of installation and the modern bright white and curved aesthetics of Elite (with grey plates for DDA compliance), which sit really well within this type of environment."



Case Study

South Glasgow General Hospital

CLIENT

Mercury Engineering

PROJECT

South Glasgow
General Hospital

SECTOR

Health

PRODUCTS

uPVC Trunking
Hygieia Anti-Microbial



Atkore Marco has made its final delivery to contractors on site at Glasgow General, the largest single NHS hospital ever built in Scotland.

Mercury Engineering managed the entire construction programme at the hospital, one of the most advanced medical facilities in the world, which includes a 14 storey adult hospital and a 5 storey children's hospital. The facility also has 20 modern operating theatres and is home to major specialised services for renal medicine, transplantation and vascular surgery.

Due to the complex nature of this project, Marco supplied its trunking system pre-fabricated to suit Mercury Engineering's exact requirements, and the Hygieia specification was utilised across the vast hospital site.

Gavin Hanlon, Electrical Manager at Mercury Engineering said: "Mercury learned about the Hygieia product from previous Marco case studies and their success on other large healthcare projects.

The Hygieia specification is a perfect fit in environments where the spread of bacterial growth must be controlled, which was a key factor to Mercury when considering the hygiene requirements of a modern day hospital.

Mercury is very happy with the products that Marco supply. Not only are the products of good quality, but Marco themselves as an organisation are very good with communication and delivery of products."

Atkore Marco utilises silver ion technology within its Hygieia specification to create a defence against 99.9% of harmful bacteria growth. This provides built-in protection from, and prevents the growth of, bacteria including MRSA, E-Coli, Salmonella, Klebsiella Pneumoniae and Streptococci; along with fungi, mildew and mould.

The antimicrobial compound is incorporated into the uPVC, and is therefore an integral part of the Trunking. As a result, there is no degradation of performance if the surface becomes scratched or damaged.

All antimicrobial products are tested in accordance with ISO22196:2011, which specifies the method of evaluating the antibacterial activity of treated uPVC products and is in compliance with all relevant European regulations.



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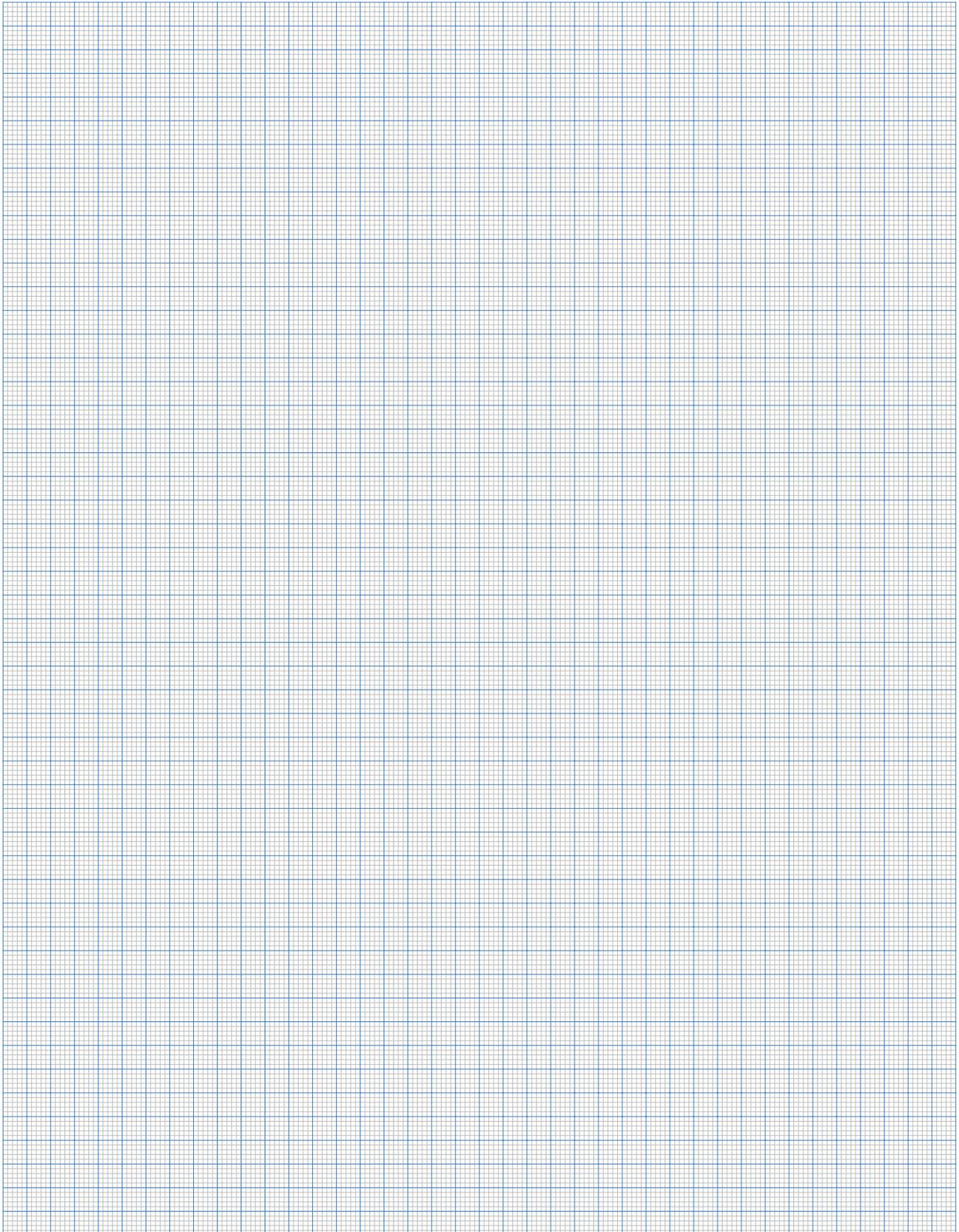
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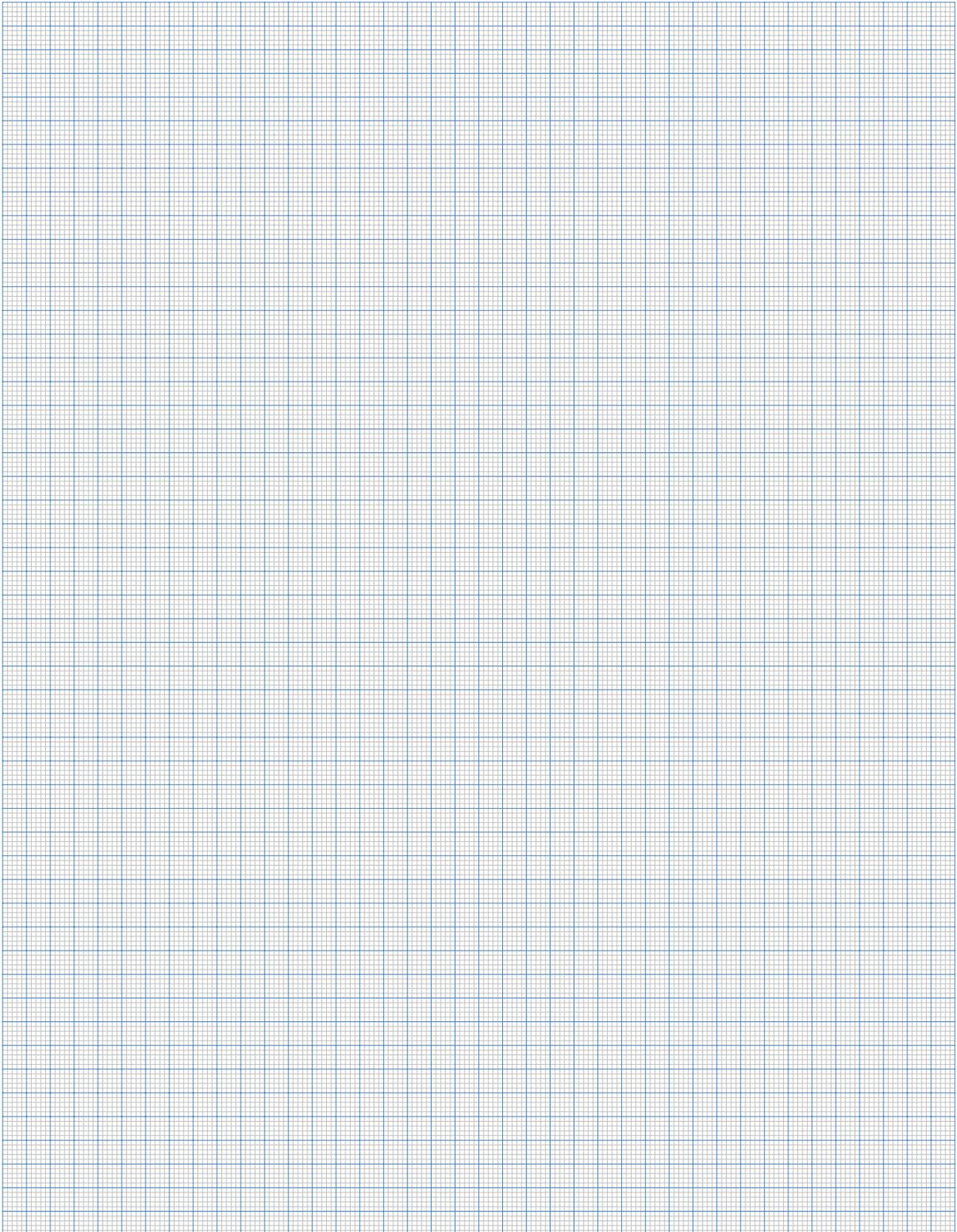
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0.5 cm x 0.5 cm



Notes

0.5 cm x 0.5 cm





Allied Tube & Conduit ▲ AFC Cable Systems ▲ Heritage Plastics ▲ Unistrut
Unistrut Construction ▲ Cope ▲ US Tray ▲ Calbrite ▲ Calbond ▲ Kaf-Tech
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