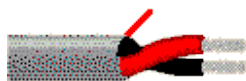


## 9407 Multi-Conductor - 300V Power-Limited Tray Cable



For more Information  
please call

1-800-Belden1

**Description:**

22 AWG pairs stranded (7x30) tinned copper conductors, twisted pairs, PVC insulation, unshielded, PVC jacket.

**Physical Characteristics (Overall)****Conductor****AWG:**

| # Pairs | AWG | Stranding | Conductor Material |
|---------|-----|-----------|--------------------|
| 1       | 22  | 7x30      | TC - Tinned Copper |

**Insulation****Insulation Material:**

| Insulation Material      | Wall Thickness (mm) | Dia. (mm) |
|--------------------------|---------------------|-----------|
| PVC - Polyvinyl Chloride | 0.432               | 1.575     |

**Outer Shield****Outer Shield Material:**

| Outer Shield Material |
|-----------------------|
| Unshielded            |

**Outer Jacket****Outer Jacket Material:**

| Outer Jacket Material    | Nom. Wall Thickness (mm) |
|--------------------------|--------------------------|
| PVC - Polyvinyl Chloride | 0.940                    |

**Outer Jacket Ripcord:** Yes

**Overall Cabling**

**Overall Nominal Diameter:** 5.029 mm

**Pair****Pair Color Code Chart:**

| Number | Color       |
|--------|-------------|
| 1      | Black & Red |

**Pair Lay Length & Direction:**

| Lay Length (mm) | Twists/ft. (twist/m) |
|-----------------|----------------------|
| 50.7998         | 19.686               |

**Mechanical Characteristics (Overall)**

**Operating Temperature Range:** -30°C To +105°C

**UL Temperature Rating:** 105°C

**Bulk Cable Weight:** 24.853 Kg/Km

**Max. Recommended Pulling Tension:** 84.516 N

**Min. Bend Radius (Install)/Minor Axis:** 50.800 mm

**Applicable Specifications and Agency Compliance (Overall)****Applicable Standards & Environmental Programs**

**NEC/(UL) Specification:** CMG, ITC, PLTC

## 9407 Multi-Conductor - 300V Power-Limited Tray Cable

CEC/C(UL) Specification: CMG

AWM Specification: UL Style 2464 (300 V 80°C)

EU CE Mark: Yes

EU Directive 2000/53/EC (ELV): Yes

EU Directive 2002/95/EC (RoHS): Yes

EU RoHS Compliance Date (mm/dd/yyyy): 04/01/2005

EU Directive 2002/96/EC (WEEE): Yes

EU Directive 2003/11/EC (BFR): Yes

CA Prop 65 (CJ for Wire &amp; Cable): Yes

MII Order #39 (China RoHS): Yes

## Flame Test

UL Flame Test: UL1685 FT4 Loading

C(UL) Flame Test: FT4

## Suitability

Suitability - Indoor: Yes

Suitability - Outdoor: Yes

Suitability - Burial: No

Sunlight Resistance: Yes

## Plenum/Non-Plenum

Plenum (Y/N): No

## Surface Printing (Overall)

## Electrical Characteristics (Overall)

## Nom. Characteristic Impedance:

Impedance (Ohm)

90

## Nom. Inductance:

Inductance (µH/m)

0.68901

## Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m)

85.306

## Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)

49.215

## Max. Operating Voltage - UL:

Voltage

300 V RMS

## Max. Recommended Current:

Current

5.8 Amps per conductor @ 25°C

## Related Documents:

No related documents are available for this product

## Put Ups and Colors:

| Item #        | Putup  | Ship Weight | Color  | Notes | Item Desc     |
|---------------|--------|-------------|--------|-------|---------------|
| 9407 060U1000 | 305 MT | 8.618 KG    | CHROME |       | 2 #22 PVC PVC |

## METRIC MEASUREMENT VERSION

### 9407 Multi-Conductor - 300V Power-Limited Tray Cable

|              |        |           |        |  |               |
|--------------|--------|-----------|--------|--|---------------|
| 9407 060U500 | 152 MT | 4.536 KG  | CHROME |  | 2 #22 PVC PVC |
| 9407 0602500 | 762 MT | 21.546 KG | CHROME |  | 2 #22 PVC PVC |

Revision Number: 2    Revision Date: 11-23-2009

© 2011 Belden, Inc  
All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described herein are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "AS IS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with EU RoHS (Directive 2002/95/EC, 27-Jan-2003). Material manufactured prior to the compliance date may be in stock at Belden facilities and in our Distributor's inventory. The information provided in this Product Disclosure, and the identification of materials listed as reportable or restricted within the Product Disclosure, is correct to the best of Belden's knowledge, information, and belief at the date of its publication. The information provided in this Product Disclosure is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. This Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.

Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 73/23/EEC), as amended by directive 93/68/EEC.