

RoHS  
Compliant



## Defence Standard Part6 – Type 2:

### Construction:

|            |                                    |
|------------|------------------------------------|
| Conductor  | Tinned Copper                      |
| Insulation | Type 2 PVC compound to BS 7655-3.2 |

### Standards / Conformances:

Def Stan 61-12 (Part 6) and BS 4808: Part 2, where applicable.

### Electrical Characteristics:

Rated Voltage (V) : 1,500V AC  
Min. Insulation Resistance at 20°C (MΩ/km) : 50  
Rated Conductor Temperature (°C) : 85

### Physical Characteristics:

| Conductor Size<br>(mm) | Insulation Diameter<br>(mm) |      | Max. Conductor<br>DC Resistance at 20°C<br>(Ω/km) |
|------------------------|-----------------------------|------|---------------------------------------------------|
|                        | Min.                        | Max. |                                                   |
| 1/0.4                  | 0.9                         | 1.1  | 145                                               |
| 1/0.6                  | 1.1                         | 1.3  | 64.1                                              |
| 1/0.9                  | 1.4                         | 1.6  | 28.5                                              |
| 7/0.2                  | 1.1                         | 1.3  | 88                                                |
| 10/0.1                 | 0.95                        | 1.15 | ≤255.7                                            |
| 16/0.2                 | 1.45                        | 1.65 | 38.2                                              |
| 24/0.2                 | 1.95                        | 2.15 | 25.5                                              |

## Defence Standard Part6 – Type 3:

### Construction:

|            |                                         |
|------------|-----------------------------------------|
| Conductor  | Tinned Copper                           |
| Insulation | Type TI 1 PVC compound to BS EN 50363-3 |

### Standards / Conformances:

Def Stan 61-12 (Part 6) and BS 4808: Part 2, where applicable.

### Electrical Characteristics:

Rated Voltage (V) : 1,500V AC

Min. Insulation Resistance at 20°C (MΩ/km) : 10

Rated Conductor Temperature (°C) : 85

### Physical Characteristics:

| Conductor Size<br>(mm) | Insulation Diameter<br>(mm) |      | Max. Conductor<br>DC Resistance at 20°C<br>(Ω/km) |
|------------------------|-----------------------------|------|---------------------------------------------------|
|                        | Min.                        | Max. |                                                   |
| 16/0.2                 | 2                           | 2.25 | 38.2                                              |
| 24/0.2                 | 2.2                         | 2.45 | 25.5                                              |
| 32/0.2                 | 2.4                         | 2.65 | 19.1                                              |
| 63/0.2                 | 2.9                         | 3.15 | 9.7                                               |

### Part Number Table

| Description                         | Part Number                 |
|-------------------------------------|-----------------------------|
| Wire, 100m, 10/0.1mm, Copper, Black | MC10/0.1 TYPE 2 BLACK 100M  |
| Wire, Brown, 10/0.1mm, 100m         | MC10/0.1 TYPE 2 BROWN 100M  |
| Wire, 100M, 10/0.1mm, Copper, Red   | MC10/0.1 TYPE 2 RED 100M    |
| Wire, Orange, 10/0.1mm, 100m        | MC10/0.1 TYPE 2 ORANGE 100M |
| Wire, Yellow, 10/0.1mm, 100m        | MC10/0.1 TYPE 2 YELLOW 100M |
| Wire, Green, 10/0.1mm, 100m         | MC10/0.1 TYPE 2 GRN 100M    |
| Wire, Blue, 10/0.1mm, 100m          | MC10/0.1 TYPE 2 BLUE 100M   |
| Wire, Pink, 10/0.1mm, 100m          | MC10/0.1 TYPE 2 PINK 100M   |

## Part Number Table

| Description                        | Part Number                 |
|------------------------------------|-----------------------------|
| Wire, Grey, 10/0.1mm, 100m         | MC10/0.1 TYPE 2 GREY 100M   |
| Wire, White, 10/0.1mm, 100m        | MC10/0.1 TYPE 2 WHT 100M    |
| Wire, Violet, 10/0.1mm, 100m       | MC10/0.1 TYPE 2 VIOLET 100M |
| Wire, Red, 10/0.1mm, 500m          | MC10/0.1 TYPE 2 RED 500M    |
| Wire, Yellow, 10/0.1mm, 500m       | MC10/0.1 TYPE 2 YEL 500M    |
| Wire, Green, 10/0.1mm, 500m        | MC10/0.1 TYPE 2 GRN 500M    |
| Wire, Blue, 10/0.1mm, 500m         | MC10/0.1 TYPE 2 BLUE 500M   |
| Wire, 10/0.1 White 500m            | MC10/0.1 TYPE 2 WHT 500M    |
| Wire, 500M, 7/0.2mm, Copper, Black | MC7/0.2 TYPE 2 BLK 500M     |
| Wire, Brown, 7/0.2mm, 500m         | MC7/0.2 TYPE 2 BRN 500M     |
| Wire, 500M, 7/0.2mm, TC, Red       | MC7/0.2 TYPE 2 RED 500M     |
| Wire, Orange, 7/0.2mm, 500m        | MC7/0.2 TYPE 2 ORANGE 500M  |
| Wire, Yellow, 7/0.2mm, 500m        | MC7/0.2 TYPE 2 YEL 500M     |
| Wire, Green, 7/0.2mm, 500m         | MC7/0.2 TYPE 2 GRN 500M     |
| Wire, Blue, 7/0.2mm, 500m          | MC7/0.2 TYPE 2 BLUE 500M    |
| Wire, Violet, 7/0.2mm, 500m        | MC7/0.2 TYPE 2 VIOLET 500M  |
| Wire, Grey, 7/0.2mm, 500m          | MC7/0.2 TYPE 2 GREY 500M    |
| Wire, White, 7/0.2mm, 500m         | MC7/0.2 TYPE 2 WHT 500M     |
| Wire, Pink, 7/0.2mm, 500m          | MC7/0.2 TYPE 2 PINK 500M    |
| Wire, Red/Black, 7/0.2mm, 100m     | MC6A-7/0.2T2-RDBK-100       |
| Wire, Red/Brown, 7/0.2mm, 100m     | MC6A-7/0.2T2-RDBN-100       |
| Wire, Red/Green, 7/0.2mm, 100m     | MC6A-7/0.2T2-RDGN-100       |
| Wire, Red/Blue, 7/0.2mm, 100m      | MC6A-7/0.2T2-RDBE-100       |
| Wire, Orange/Black, 7/0.2mm, 100m  | MC6A-7/0.2T2-OEBK-100       |
| Wire, Orange/Red, 7/0.2mm, 100m    | MC6A-7/0.2T2-OERD-100       |
| Wire, Yellow/Black, 7/0.2mm, 100m  | MC6A-7/0.2T2-YWBK-100       |
| Wire, Yellow/Red, 7/0.2mm, 100m    | MC6A-7/0.2T2-YWRD-100       |
| Wire, Yellow/Green, 7/0.2mm, 100m  | MC6A-7/0.2T2-YWGN-100       |
| Wire, Green/Red, 7/0.2mm, 100m     | MC6A-7/0.2T2-GNRD-100       |
| Wire, Violet/Red, 7/0.2mm, 100m    | MC6A-7/0.2T2-VTRD-100       |
| Wire, Grey/Black, 7/0.2mm, 100m    | MC6A-7/0.2T2-GYBK-100       |
| Wire, Grey/Blue, 7/0.2mm, 100m     | MC6A-7/0.2T2-GYBE-100       |
| Wire, White/Black, 7/0.2mm, 100m   | MC6A-7/0.2T2-WEBK-100       |
| Wire, White/Red, 7/0.2mm, 100m     | MC6A-7/0.2T2-WERD-100       |
| Wire, Pink/Black, 7/0.2mm, 100m    | MC6A-7/0.2T2-PKBK-100       |

## Part Number Table

| Description                                      | Part Number                 |
|--------------------------------------------------|-----------------------------|
| Wire, Green/Yellow, 7/0.2mm, 100m                | MC6A-7/0.2T2-GNYW-100       |
| Wire, Purple/Red, 7/0.2mm                        | 7/0.20 PUR/RED              |
| Wire, Green/Yellow, 7/0.2mm, 500m                | 7/0.20 GRN/YELL             |
| Wire, 100M, 16/02mm <sup>2</sup> , Copper, Black | MC16/0.2 TYPE 2 BLK 100M    |
| Wire, 100M, 16 × 0.2mm, Copper, Brown            | MC16/0.2 TYPE 2 BRN 100M    |
| Wire, 100M, 16/02mm <sup>2</sup> , Copper, Red   | MC16/0.2 TYPE 2 RED 100M    |
| Wire, 16/0.2mm, Copper, Orange, 100m             | MC16/0.2 TYPE 2 ORNG 100M   |
| Wire, 100M, 16/0.2mm, Copper, Yellow             | MC16/0.2 TYPE 2 YEL 100M    |
| Wire, 16/0.2mm, Copper, Green, 100m              | MC16/0.2 TYPE 2 GRN 100M    |
| Wire, 100m, 16/0.2mm <sup>2</sup> , Copper, Blue | MC16/0.2 TYPE 2 BLUE 100M   |
| Wire, Violet, 16/0.2mm, 100m                     | MC16/0.2 TYPE 2 VIOLET 100M |
| Wire, Grey, 16/0.2mm, 100m                       | MC16/0.2 TYPE 2 GREY 100M   |
| Wire, 100m, 16/0.2mm, Copper, White              | MC16/0.2 TYPE 2 WHT 100M    |
| Wire, Pink, 16/0.2mm, 100m                       | MC16/0.2 TYPE 2 PINK 100M   |
| Wire, Black, 16/0.2mm, 500m                      | MC16/0.2 TYPE 2 BLK 500M    |
| Wire, Brown, 16/0.2mm, 500m                      | MC16/0.2 TYPE 2 BRN 500M    |
| Wire, Red, 16/0.2mm, 500m                        | MC16/0.2 TYPE 2 RED 500M    |
| Wire, Orange, 16/0.2mm, 500m                     | MC16/0.2 TYPE 2 ORNG 500M   |
| Wire, Yellow, 16/0.2mm, 500m                     | MC16/0.2 TYPE 2 YEL 500M    |
| Wire, Green, 16/0.2mm, 500m                      | MC16/0.2 TYPE 2 GRN 500M    |
| Wire, Blue, 16/0.2mm, 500m                       | MC16/0.2 TYPE 2 BLUE 500M   |
| Wire, Violet, 16/0.2mm, 500m                     | MC16/0.2 TYPE 2 VIOLET 500M |
| Wire, Grey, 16/0.2mm, 500m                       | MC16/0.2 TYPE 2 GREY 500M   |
| Wire, White, 16/0.2mm, 500m                      | MC16/0.2 TYPE 2 WHT 500M    |
| Wire, Pink, 16/0.2mm, 500m                       | MC16/0.2 TYPE 2 PINK 500M   |
| Wire, Red/Black, 16/0.2mm, 100m                  | MC6A-16/0.2T2-RDBK-100      |
| Wire, Red/Brown, 16/0.2mm, 100m                  | MC6A-16/0.2T2-RD/BN-100     |
| Wire, Red/Green, 16/0.2mm, 100m                  | MC6A-16/0.2T2-RDGN-100      |
| Wire, Red/Blue, 16/0.2mm, 100m                   | MC6A-16/0.2T2-RDBE-100      |
| Wire, Orange/Black, 16/0.2mm, 100m               | MC6A-16/0.2T2-OEBK-100      |
| Wire, Orange/Red, 16/0.2mm, 100m                 | MC6A-16/0.2T2-OERD-100      |
| Wire, Yellow/Black, 16/0.2mm, 100m               | MC6A-16/0.2T2-YWBK-100      |
| Wire, Yellow/Red, 16/0.2mm, 100m                 | MC6A-16/0.2T2-YWRD-100      |
| Wire, Yellow/Green, 16/0.2mm, 100m               | MC6A-16/0.2T2-YWGN-100      |

## Part Number Table

| Description                                 | Part Number            |
|---------------------------------------------|------------------------|
| Wire, Green/Red, 16/0.2mm, 100m             | MC6A-16/0.2T2-GNRD-100 |
| Wire, Violet/Red, 16/0.2mm, 100m            | MC6A-16/0.2T2-VTRD-100 |
| Wire, Grey/Black, 16/0.2mm, 100m            | MC6A-16/0.2T2-GYBK-100 |
| Wire, Grey/Blue, 16/0.2mm, 100m             | MC6A-16/0.2T2-GYBE-100 |
| Wire, White/Black, 16/0.2mm, 100m           | MC6A-16/0.2T2-WEBK-100 |
| Wire, White/Red, 16/0.2mm, 100m             | MC6A-16/0.2T2-WERD-100 |
| Wire, Pink/Black, 16/0.2mm, 100m            | MC6A-16/0.2T2-PKBK-100 |
| Wire, Green/Yellow, 16/0.2mm, 100m          | MC6A-16/0.2T2-GNYW-100 |
| Wire, Purple/Red, 16/0.2mm, 100m            | 16/0.20 PUR/RED 100M   |
| Wire, Green/Yellow, 16/0.2mm, 500m          | 16/0.20 GRN/YELL 500M  |
| Wire, Black, 16/0.2mm, 100m                 | MC6A-16/0.2T3-BK-100   |
| Wire, Brown, 16/0.2mm, 100m                 | MC6A-16/0.2T3-BN-100   |
| Wire, Red, 16/0.2mm, 100m                   | MC6A-16/0.2T3-RD-100   |
| Wire, Orange, 16/0.2mm, 100m                | MC6A-16/0.2T3-OE-100   |
| Wire, Yellow, 16/0.2mm, 100m                | MC6A-16/0.2T3-YW-100   |
| Wire, Green, 16/0.2mm, 100m                 | MC6A-16/0.2T3-GN-100   |
| Wire, Blue, 16/0.2mm, 100m                  | MC6A-16/0.2T3-BE-100   |
| Wire, Violet, 16/0.2mm, 100m                | MC6A-16/0.2T3-VT-100   |
| Wire, Grey, 16/0.2mm, 100m                  | MC6A-16/0.2T3-GY-100   |
| Wire, White, 16/0.2mm, 100m                 | MC6A-16/0.2T3-WE-100   |
| Wire, Pink, 16/0.2mm, 100m                  | MC6A-16/0.2T3-PK-100   |
| Wire, Green/Yellow, 16/0.2mm, 100m          | MC6A-16/0.2T3-GNYW-100 |
| Wire, 100m, 0.75mm <sup>2</sup> , Tc, Black | MC6A-24/0.2T2-BK-100   |
| Wire, Brown, 24/0.2mm, 100m                 | MC6A-24/0.2T2-BM-100   |
| Wire, 100m, 0.75mm <sup>2</sup> , Tc, Red   | MC6A-24/0.2T2-RD-100   |
| Wire, Orange, 24/0.2mm, 100m                | MC6A-24/0.2T2-OE-100   |
| Wire, Yellow, 24/0.2mm, 100m                | MC6A-24/0.2T2-YW-100   |
| Wire, Green, 24/0.2mm, 100m                 | MC6A-24/0.2T2-GN-100   |
| Wire, Blue, 24/0.2mm, 100m                  | MC6A-24/0.2T2-BE-100   |
| Wire, White, 24/0.2mm, 100m                 | MC6A-24/0.2T2-WE-100   |
| Wire, Pink, 24/0.2mm, 100m                  | MC6A-24/0.2T2-PK-100   |
| Wire, Green/Yellow, 24/0.2mm, 100m          | MC6A-24/0.2T2-GNYW-100 |
| Wire, Yellow/Green, 24/0.2mm, 100m          | 24/0.20 YELL/GRN       |
| Wire, Black, 24/0.2mm, 500m                 | MC6A-24/0.2T2-BK-500   |

## Part Number Table

| Description                        | Part Number            |
|------------------------------------|------------------------|
| Wire, Red, 24/0.2mm, 500m          | MC6A-24/0.2T2-RD-500   |
| Wire, 24/0.2 Orange 500m           | MC6A-24/0.2T2-OE-500   |
| Wire, Blue, 24/0.2mm, 500m         | MC6A-24/0.2T2-BE-500   |
| Wire, Grey, 24/0.2mm, 500m         | MC6A-24/0.2T2-GY-500   |
| Wire, White, 24/0.2mm, 500m        | MC6A-24/0.2T2-WE-500   |
| Wire, Pink, 24/0.2mm, 500m         | 24/0.20 PINK 500M      |
| Wire, Violet, 24/0.2mm, 500m       | 24/0.20 VIOLET 500M    |
| Wire, Black, 24/0.2mm, 100m        | MC6A-24/0.2T3-BK-100   |
| Wire, Brown, 24/0.2mm, 100m        | MC6A-24/0.2T3-BN-100   |
| Wire, Red, 24/0.2mm, 100m          | MC6A-24/0.2T3-RD-100   |
| Wire, Orange, 24/0.2mm, 100m       | MC6A-24/0.2T3-OE-100   |
| Wire, Yellow, 24/0.2mm, 100m       | MC6A-24/0.2T3-YW-100   |
| Wire, Green, 24/0.2mm, 100m        | MC6A-24/0.2T3-GN-100   |
| Wire, Blue, 24/0.2mm, 100m         | MC6A-24/0.2T3-BE-100   |
| Wire, Violet, 24/0.2mm, 100m       | MC6A-24/0.2T3-VT-100   |
| Wire, Grey, 24/0.2mm, 100m         | MC6A-24/0.2T3-GY-100   |
| Wire, White, 24/0.2mm, 100m        | MC6A-24/0.2T3-WE-100   |
| Wire, Pink, 24/0.2mm, 100m         | MC6A-24/0.2T3-YW-100F  |
| Wire, Green/Yellow, 24/0.2mm, 100m | MC6A-24/0.2T3-GNYW-100 |
| Wire, Black, 24/0.2mm, 500m        | MC6A-24/0.2T3-BK-500   |
| Wire, Red, 24/0.2mm, 500m          | MC6A-24/0.2T3-RD-500   |
| Wire, 24/0.2 Yellow 500m           | MC6A-24/0.2T3-YW-500   |
| Wire, White, 24/0.2mm, 500m        | MC6A-24/0.2T3-WE-500   |
| Wire, Black, 32/0.2mm, 100m        | MC6A-32/0.2T3-BK-100M  |
| Wire, Brown, 32/0.2mm, 100m        | MC6A-32/0.2T3-BN-100   |
| Wire, Red, 32/0.2mm, 100m          | MC6A-32/0.2T3-RD-100   |
| Wire, Orange, 32/0.2mm, 100m       | MC6A-32/0.2T3-OE-100   |
| Wire, Yellow, 32/0.2mm, 100m       | MC6A-32/0.2T3-YW-100   |
| Wire, Green, 32/0.2mm, 100m        | MC6A-32/0.2T3-GN-100   |
| Wire, Blue, 32/0.2mm, 100m         | MC6A-32/0.2T3-BE-100   |
| Wire, Violet, 32/0.2mm, 100m       | MC6A-32/0.2T3-VT-100   |
| Wire, Grey, 32/0.2mm, 100m         | MC6A-32/0.2T3-GY-100   |
| Wire, White, 32/0.2mm, 100m        | MC6A-32/0.2T3-WE-100   |
| Wire, Pink, 32/0.2mm, 100m         | MC6A-32/0.2T3-PK-100   |
| Wire, Green/Yellow, 32/0.2mm, 100m | MC6A-32/0.2T3-GNYW-100 |

## Part Number Table

| Description                        | Part Number            |
|------------------------------------|------------------------|
| Wire, Yellow/Green, 32/0.2mm, 100m | 32/0.20 YELLOW/GREEN   |
| Wire, Black, 32/0.2mm, 500m        | MC6A-32/0.2T3-BK-500   |
| Wire, Red, 32/0.2mm, 500m          | MC6A-32/0.2T3-RD-500   |
| Wire, 32/0.2 White 500m ((Ns))     | MC6A-32/0.2T3-WE-500   |
| Wire, Blue, 32/0.2mm, 500m         | 32/0.20 BLUE 500M      |
| Wire, Brown, 32/0.2mm, 500m        | 32/0.20 BROWN 500M     |
| Wire, Pink, 32/0.2mm, 500m         | 32/0.20 PINK 500M      |
| Wire, Yellow, 32/0.2mm, 500m       | 32/0.20 YELLOW 500M    |
| Wire, Yellow/Green, 32/0.2mm, 500m | MC6A-32/0.2T3-GNYW-500 |
| Wire, Black, 63/0.2mm, 100m        | MC6A-63/0.2T3-BK-100   |
| Wire, Red, 63/0.2mm, 100m          | MC6A-63/0.2T3-RD-100   |

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