

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 (mm)	Insulation Diameter (mm)		Max. Conductor DC Resistance at 20°C (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 (mm)	Insulation Diameter (mm)		Max. Conductor DC Resistance at 20°C (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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