



Description

PVC insulated equipment wires to defence standard 61 - 12 part 6 type 2 also comply with the requirements of BS4808 class 2. The maximum recommended operating temperature for these wires is 85°C. Defence standard current ratings quoted below will give a 15°C temperature rise at an ambient temperature of 70°C for single wires freely ventilated. Commercial ratings are suggested for use at 25°C ambient. The temperature range is -15°C to 85°C, the upper temperature is the temperature at the conductor due to a combination of ambient and temperature rise due to current flow. The lower temperature is for the product in static mode.

Specification Table

Area	Conductor	Number and Size of Wire	Max. Working Voltage (kV r.m.s)	Nominal Current Rating (A)	Insulation	Nominal Overall Diameter	Insulation Thickness	Ambient Temperature (°C)	Resistance at 20°C (Ω/kM)
7/0.2 (0.22 mm ²) type 2	Tinned annealed copper wire	7 × 0.2	1	1.4	PVC	1.2	0.3	1.4A at 70°C 2A at 25°C	88

Dimensions : Millimetres

Part Number Table

Description	Part Number
Wire, Black, 7/0.2 mm, 100m	MC6A-7/0.2T2-BK-100
Wire, Brown, 7/0.2 mm, 100m	MC6A-7/0.2T2-BN-100
Wire, Red, 7/0.2 mm, 100m	MC6A-7/0.2T2-RD-100
Wire, Orange, 7/0.2 mm, 100m	MC6A-7/0.2T2-OE-100
Wire, Yellow, 7/0.2 mm, 100m	MC6A-7/0.2T2-YW-100
Wire, Green, 7/0.2 mm, 100m	MC6A-7/0.2T2-GN-100
Wire, Blue, 7/0.2 mm, 100m	MC6A-7/0.2T2-BE-100
Wire, Violet, 7/0.2 mm, 100m	MC6A-7/0.2T2-VT-100
Wire, Grey, 7/0.2 mm, 100m	MC6A-7/0.2T2-GY-100
Wire, White, 7/0.2 mm, 100m	MC6A-7/0.2T2-WE-100
Wire, Pink, 7/0.2 mm, 100m	MC6A-7/0.2T2-PK-100M

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