

Tinned Annealed Copper Wire

PRO-POWER
Quality Cables



Description:

Insulated wires to defence standard 61 - 21 part 6 types 1, 2 and 3 also comply for corresponding standings and types, with the requirements of BS4808 classes 1, 2 and 3. Because the requirements set by the ministry of defence in defence standard 61-12 part 6 are more rigorous than the requirements in BS4808, the converse is not necessarily true.

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.

Equipment wire with 10/0.1mm conductors is a standing size not specifically listed in DEF.STAN.61 - 12 part 6. Because of its suitability for in conformance with specifications for similar size wires included in the specification.

Temperature rating 7/0.2 type 2 wire.

The temperature range of the above product is -15 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.

Specifications

Area	Conductor	Number and Size of Wire	Maximum 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 (0.22mm ²) type 2	Tinned Annealed Copper Wire	7 x 0.2	1	1.4	PVC	1.20	0.3	1.4A at 70°C 2.0A at 25°C	88

Diameters : Millimetres

Part Number Table

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

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