

# Tinned Annealed Copper Wires **pro-POWER**



## 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 10/0.1 mm 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

## Specification Table

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 (0.22 mm <sup>2</sup> ) type 2	Tinned annealed copper wire	7 × 0.2	1	1.4	PVC	1.2	0.3	1.4 A at 70°C 2 A at 25°C	88

Dimensions : Millimetres

## Part Number Table

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

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