

# Tinned Annealed Copper Equipment Wires

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**RoHS  
Compliant**

RoHS 10 Complaint

## 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	No. of Strands × Size	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 <sup>2</sup> ) 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
Equipment Wire, 7/0.2mm White, 100m	MCP00015
Equipment Wire 7/0.2mm Grey, 100m	MCP00016
Equipment Wire 7/0.2mm Violet, 100m	MCP00017
Equipment Wire 7/0.2mm Blue, 100m	MCP00018
Equipment Wire, 7/0.2mm Green, 100m	MCP00019
Equipment Wire 7/0.2mm Yellow, 100m	MCP00020
Equipment Wire 7/0.2mm Orange, 100m	MCP00021
Equipment Wire 7/0.2mm Red, 100m	MCP00022
Equipment Wire 7/0.2mm Brown, 100m	MCP00023
Equipment Wire 7/0.2mm Black, 100m	MCP00024

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