

## CABLE DATA SHEET

Part Number	24/0.2 Type 2 Def Stan
Description	Single core PVC insulated equipment wire
Conductor	24/0.2mm Tinned Annealed Copper (Class 5 to IEC 60228)
Insulation	PVC (Type 2 to BS EN 50636-3)
Insulation R/T	0.45mm nominal, 0.4mm min.
Diameter over Insulation	1.95mm min, 2.15mm max.
Conductor Resistance	25.5 $\Omega$ /km at 20°C
Voltage Rating	1000V AC max.
Current Rating	4.5 amps (for guidance only as this will depend on the conditions of the installation)
Cable Weight	9.5kg/km (nominal)
Temperature Range	-15°C to +85°C
Applicable Standards	Defence Standard 61-12 (Part 6) BS4808

Note 1: The upper temperature limits refer to maximum continuous temperature of the conductor due to the combination of ambient temperature and temperature rise due to current flow. The lower value may be subjected to slight flexing during normal operating life.

Note 2: The current carrying capacities are for wires carrying a continuous current in free air at an ambient temperature. Current carrying capacities will depend on circumstances but for general guidance the quoted current values will give a temperature rise of about 15°C in ambient temperatures up to 70°C for single, freely ventilated, insulated wires. Different values will apply when equipment wires are bunched.

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