



Equipment Wire

Application:

These single core cables were originally developed for use by the MOD but have more recently been adopted by the commercial sector due to their compact size and range of conductor sizes. These equipment cables are designed for high density wiring internal wiring between components within instruments and electronic equipment. They are widely used in process control systems and computing equipment

Standards:

BS 4808: Part 2, where applicable
REACH and RoHS Compliant

Construction:

Conductor:	Tinned annealed copper – solid or strand as per table below
Insulation:	PVC

Electrical Characteristics:

Rated Voltage 1000V ac. rms
Min. Insulation Resistance 50 MΩ.Km @ 20°C
Rated Conductor Temperature 85 °C

Physical Characteristics:

Conductor Size (mm)	Insulation Diameter (mm)		Max. Conductor DC Resistance at 20°C (Ω/Km)
	Min.	Max.	
1/0.4	0.9	1.1	145
1/0.6	1.1	1.3	64.1
1/0.9	1.4	1.6	28.5
7/0.2	1.1	1.3	88
16/0.2	1.45	1.65	38.2
24/0.2	1.95	2.15	25.5