

Unscreened Multicore Cable to Defence Standard 61-12 Part 4 7-1- *A

pro-POWER

RoHS
Compliant



Description

This unscreened multicore cable is manufactured to Defence Standard 61-12 Part 4 and is designed for high density wiring between components and within instruments and electronic equipment. It is not to be used for the direct connection to Mains Power Supplies.

Reference Standard

Multicore Cable to DEF. STAN. 61-12 part 4. 0.055mm² (7/0.1mm) Conductors, Unscreened with Black PVC Jacket

Cable Construction

Conductor

Electrolytic Annealed Tinned Copper Conductor 7/0.1mm

Nominal Core Resistance @ 20°C : 384Ω/km

Current Rating (per core) : 0.25 Amp

Insulation and Conductors

Core insulation of PVC to BS676 type 2 Nom. Radial Thickness 0.20mm

Insulation Resistance : Min. 140MΩ/km

Nominal Overall Ø of Conductor : 0.7mm

Conductors Colour Coded as per DEF. STAN. 61-12 Part 4

Test Voltage (1 minute, core to core) : 1000V

Wrap

Cores wrapped with Plastic Tape

Sheath

Black PVC jacket to BS6746 Type 6

Temperature Range : 0°C to + 70°C

Nominal Voltage : 250V AC rms @ 1600Hz

Minimum Bending Radius : 6 x cable Ø

Insulation Colours table

Core Number	Colour
1	Red
2	Blue
3	Green
4	Yellow
5	White

Core Number	Colour
6	Black
7	Brown
8	Violet
9	Orange
10	Pink

Core Number	Colour
11	Turquoise
12	Grey
13	Red/Blue
14	Green/Red
15	Yellow/Red

pro-POWER

Unscreened Multicore Cable to Defence Standard 61-12 Part 4 7-1- *A

pro-POWER

Part Number Table

Description	No. of Cores	Diameter over Cores (mm)	Jacket Radial Thickness (mm)	Jacket Diameter (mm)	Reel Length (m)	Part Number
Cable, Unscreened, DEF 7-1-2A	2	1.5	0.4	2.3	25	PP000261
Cable, Unscreened, DEF 7-1-3A	3	1.6		2.4		PP000262
Cable, Unscreened, DEF 7-1-4A	4	1.8		2.6	100	PP000263
Cable, Unscreened, DEF 7-1-6A	6	2.2	0.45	3.1	25	PP000264
					100	PP000265
					500	PP000266
Cable, Unscreened, DEF 7-1-9A	9	2.8		3.7	25	PP000267
Cable, Unscreened, DEF 7-1-12A	12	3			100	PP000268
Cable, Unscreened, DEF 7-1-15A	15	3.4		4.3		PP000269
						PP000270
						PP000271

pro-POWER