

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

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



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		100
Cable, Unscreened, DEF 7-1-4A	4	1.8		2.6	25	PP000264
					100	PP000265
Cable, Unscreened, DEF 7-1-6A	6	2.2	0.45	3.1	25	PP000266
					100	PP000267
Cable, Unscreened, DEF 7-1-9A	9	2.8		3.7	25	PP000268
					100	PP000269
Cable, Unscreened, DEF 7-1-12A	12	3		3.9		100
Cable, Unscreened, DEF 7-1-15A	15	3.4		4.3		PP000271

Important Notice : This data sheet and its contents (the "Information") belong to the members of the Premier Farnell group of companies (the "Group") or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. pro-POWER is the registered trademark of the Group. © Premier Farnell Limited 2016.