

Unscreened Multicore Cable to Defence Standard 61-12 Part 4 7-2- *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. 0.22mm² (7/0.2mm) Conductors, Unscreened with Black PVC Jacket

Cable Construction

Conductor

Electrolytic Annealed Tinned Copper Conductor 7/0.2mm

Nominal Core Resistance @ 20°C : 92Ω/km

Current Rating (per core) : 1 Amp

Insulation and Conductors

Core insulation of PVC to BS676 type 2 Nom. Radial Thickness 0.3mm

Insulation Resistance @ 20°C : Min. 100MΩ×km

Nominal Overall Ø of Conductor : 1.2mm

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 : 440V 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
6	Black
7	Brown
8	Violet
9	Orange
10	Pink
11	Turquoise
12	Grey

Core Number	Colour
13	Red/Blue
14	Green/Red
15	Yellow/Red
16	White/Red
17	Red/Black
18	Red/Brown
19	Yellow/Blue
20	White/Blue
21	Blue/Black
22	Orange/Blue
23	Green/Blue
24	Grey/Blue

Core Number	Colour
25	Yellow/Green
26	White/Green
27	Green/Black
28	Orange/Green
29	Grey/Green
30	Yellow/Brown
31	White/Brown
32	Brown/Black
33	Grey/Brown
34	Yellow/Violet
35	Violet/Black
36	White/Violet

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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 7-2-2A	2	2.4	0.45	3.4	25	PP000272	
					100	PP000273	
Cable, Unscreened, DEF 7-2-3A	3	2.6		3.6	25	PP000274	
					100	PP000275	
Cable, Unscreened, DEF 7-2-4A	4	2.9		3.9	25	PP000276	
					100	PP000277	
Cable, Unscreened, DEF 7-2-6A	6	3.6		4.6	25	PP000278	
					100	PP000279	
Cable, Unscreened, DEF 7-2-8A	8	4.1		5.1	25	PP000280	
					100	PP000281	
Cable, Unscreened, DEF 7-2-12A	12	5		0.55	6.1	25	PP000282
						100	PP000283
Cable, Unscreened, DEF 7-2-18A	18	6	0.65	7.4	25	PP000284	
					100	PP000285	
Cable, Unscreened, DEF 7-2-20A	20	6.5		7.8	25	PP000286	
					100	PP000287	
Cable, Unscreened, DEF 7-2-25A	25	7.2		8.7	25	PP000288	
					100	PP000289	
Cable, Unscreened, DEF 7-2-36A	36	8.4mm		9.8mm			PP000290