

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	Core Number	Colour	Core Number	Colour
1	Red	13	Red/Blue	25	Yellow/Green
2	Blue	14	Green/Red	26	White/Green
3	Green	15	Yellow/Red	27	Green/Black
4	Yellow	16	White/Red	28	Orange/Green
5	White	17	Red/Black	29	Grey/Green
6	Black	18	Red/Brown	30	Yellow/Brown
7	Brown	19	Yellow/Blue	31	White/Brown
8	Violet	20	White/Blue	32	Brown/Black
9	Orange	21	Blue/Black	33	Grey/Brown
10	Pink	22	Orange/Blue	34	Yellow/Violet
11	Turquoise	23	Green/Blue	35	Violet/Black
12	Grey	24	Grey/Blue	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	100	PP000290	

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