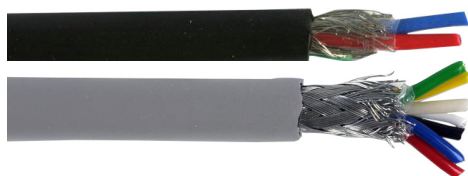


Screened Multicore Cable to Defence Standard 61-12 Part 4 7-2-*C

pro-POWER



RoHS
Compliant

Description

This screened 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, Braid Screened with Black and Grey 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 Nom. Radial Thickness 0.3mm

Insulation Resistance : Min. 100MΩ×km

Nominal Overall Ø of Conductor : 1.2mm

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

Cores wrapped with Plastic Tape

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

Braid Screen

0.1mm Ø TACW Braid Fill factor 70% (nom)

Outer Sheath

Black and Grey (RAL 7001) PVC jacket to BS6746 Type 6

Temperature Range : 0°C to +70°C

Nominal Voltage : 440V AC rms @ 1600Hz

Minimum Bending Radius : 6 × cable Ø

Insulation Colours table

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

Core Number	Colour
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

Core Number	Colour
19	Yellow/Blue
20	White/Blue
21	Blue/Black
22	Orange/Blue
23	Green/Blue
24	Grey/Blue

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Core Number	Colour
25	Yellow/Green
26	White/Green
27	Green/Black
28	Orange/Green

Core Number	Colour
29	Grey/Green
30	Yellow/Brown
31	White/Brown
32	Brown/Black

Core Number	Colour
33	Grey/Brown
34	Yellow/Violet
35	Violet/Black
36	White/Violet

Part Number Table

Description	No. of Cores	Jacket Colour	Diameter over Cores (mm)	Diameter over Screen (mm)	Jacket Radial Thickness (mm)	Jacket Diameter (mm)	Reel Length (m)	Part Number	
Cable, Screen, DEF 7-2-2C	2	Black	2.4	2.9	0.45	3.9	25	PP000307	
							100	PP000308	
Cable, Screen, DEF 7-2-3C	3		2.6	3.1		4.1	25	PP000309	
							100	PP000310	
Cable, Screen, DEF 7-2-4C	4	Grey	2.9	3.4		4.4	25	PP000311	
							100	PP000312	
							500	PP000313	
							25	PP000244	
						100	PP000245		
Cable, Screen, DEF 7-2-6C	6	Black	3.6	4.4		5.6	25	PP000314	
							100	PP000315	
Cable, Screen, DEF 7-2-8C	8		Grey	4.1		4.8	5.9	25	PP000316
								100	PP000317
		25						PP000246	
		100						PP000247	
Cable, Screen, DEF 7-2-10C	10	Black	4.8	5.5		6.4	25	PP000318	
							100	PP000319	
Cable, Screen, DEF 7-2-12C	12		Grey	5	5.8	0.55	6.9	25	PP000320
								100	PP000321
		25						PP000248	
		100						PP000249	
Cable, Screen, DEF 7-2-15C	15	Black	5.5	6.3	0.65	7.6	25	PP000322	
							100	PP000323	
Cable, Screen, DEF 7-2-18C	18		6	6.8		8.2	25	PP000324	
							100	PP000325	
Cable, Screen, DEF 7-2-20C	20		6.4	7.2		8.5	25	PP000326	
							100	PP000327	

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Description	No. of Cores	Jacket Colour	Diameter over Cores (mm)	Diameter over Screen (mm)	Jacket Radial Thickness (mm)	Jacket Diameter (mm)	Reel Length (m)	Part Number
Cable, Screen, DEF 7-2-20C	20	Grey	6.4	7.2	0.65	8.5	25	PP000250
							100	PP000251
Cable, Screen, DEF 7-2-25C	25	Black	7.2	8		9.5	25	PP000328
							100	PP000329
Cable, Screen, DEF 7-2-36C	36	Black	8.4	9.2		10.8	25	PP000330
							100	PP000331
		Grey					25	PP000252
							100	PP000253

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