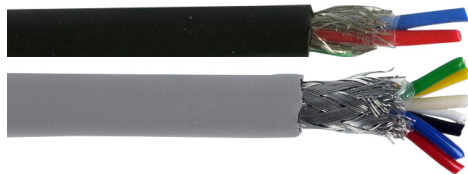


Screened Multicore Cable to Defence Standard 61-12 Part 5 16-2-*C

pro-POWER



RoHS
Compliant

Description

This screened multicore cable is manufactured to Defence Standard 61-12 Part 5 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 5. 0.5mm² (16/0.2mm) Conductors, Braid Screened with Black and Grey PVC Jacket

Cable Construction

Conductor

Electrolytic Annealed Tinned Copper Conductor 16/0.2mm

Nominal Core Resistance @ 20°C : 40.1Ω/km

Current Rating (per core) : 2.5 Amp

Insulation and Conductors

Core insulation of PVC to BS676 type Nom. Radial Thickness 0.45mm

Insulation Resistance : Min. 200MΩ/km

Nominal Overall Ø of Conductor : 1.83mm

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

Cores wrapped with Plastic Tape

Test Voltage (1 minute, core to core) : 2000V

Braid Screen

0.2mm 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

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Screened Multicore Cable to Defence Standard 61-12 Part 5 16-2-*C



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 16-2-2C	2	Black	3.7	4.7	0.9	6.5	25	PP000348	
							100	PP000349	
Cable, Screen, DEF 16-2-3C	3		4	5		6.8	25	PP000350	
							100	PP000351	
Cable, Screen, DEF 16-2-4C	4		Grey	4.4		5.4	7.3	25	PP000352
								100	PP000353
			Black					25	PP000254
								100	PP000255
Cable, Screen, DEF 16-2-6C	6		Black	5.5		6.5	8.3	25	PP000354
								100	PP000355
		Grey	25		PP000256				
			100		PP000257				
Cable, Screen, DEF 16-2-8C	8	Black	6.1	7.1	8.9	25	PP000356		
						100	PP000357		
Cable, Screen, DEF 16-2-12C	12	Black	8.4	9.4	10.5	25	PP000358		
						100	PP000359		
		Grey				25	PP000258		
						100	PP000259		
Cable, Screen, DEF 16-2-18C	18	Black	9.2	10.2	12.5	25	PP000360		
						100	PP000361		
		Grey				100	PP000260		

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