

# Unscreened Multicore Cable to Defence Standard 61-12 Part 5 16-2-\*A

pro-POWER

RoHS  
Compliant



## Description

This unscreened 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. 0.5mm<sup>2</sup> (16/0.2mm) Conductors, Unscreened with Black 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 2 Nom. Radial Thickness 0.45mm

Insulation Resistance @ 20°C : Min. 200MΩ/km

Nominal Overall Ø of Conductor : 1.83mm

Conductors Colour Coded as per DEF. STAN. 61-12 Part 5

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

### 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 × 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

Core Number	Colour
10	Pink
11	Turquoise
12	Grey
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
25	Yellow/Green

pro-POWER

# Unscreened Multicore Cable to Defence Standard 61-12 Part 5 16-2-\*A

pro-POWER

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 16-2-2A	2	3.7	0.9	5.5	25	PP000332
					100	PP000333
Cable, Unscreened, DEF 16-2-3A	3	3.9		5.8	25	PP000334
					100	PP000335
Cable, Unscreened, DEF 16-2-4A	4	4.4		6.3	25	PP000336
					100	PP000337
Cable, Unscreened, DEF 16-2-6A	6	5.5		7.3	25	PP000338
					100	PP000339
Cable, Unscreened, DEF 16-2-8A	8	6.3		8.1	25	PP000340
					100	PP000341
Cable, Unscreened, DEF 16-2-12A	12	7.6		9.5	25	PP000342
					100	PP000343
Cable, Unscreened, DEF 16-2-18A	18	9.2		11	25	PP000344
					100	PP000345
Cable, Unscreened, DEF 16-2-25A	25	11		13.1	25	PP000346
					100	PP000347

pro-POWER