

# Unscreened Multicore Cable to Defence Standard 61-12 Part 4 7-1- \*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. 0.055mm<sup>2</sup> (7/0.1mm) Conductors, Unscreened with Black PVC Jacket

## Cable Construction

### Conductor

Electrolytic Annealed Tinned Copper Conductor 7/0.1mm  
Nominal Core Resistance @ 20°C : 384Ω/km  
Current Rating (per core) : 0.25 Amp

### Insulation and Conductors

Core insulation of PVC to BS676 type 2 Nom. Radial Thickness 0.20mm  
Insulation Resistance : Min. 140MΩ/km  
Nominal Overall Ø of Conductor : 0.7mm  
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 : 250V 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

Core Number	Colour
6	Black
7	Brown
8	Violet
9	Orange
10	Pink

Core Number	Colour
11	Turquoise
12	Grey
13	Red/Blue
14	Green/Red
15	Yellow/Red

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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 7-1-2A	2	1.5	0.4	2.3	25	PP000261
Cable, Unscreened, DEF 7-1-3A	3	1.6		2.4		100
Cable, Unscreened, DEF 7-1-4A	4	1.8		2.6	25	PP000263
Cable, Unscreened, DEF 7-1-4A	4	1.8	0.45	3.1	100	PP000264
Cable, Unscreened, DEF 7-1-6A	6	2.2			25	PP000265
Cable, Unscreened, DEF 7-1-6A					100	PP000266
Cable, Unscreened, DEF 7-1-6A				500	PP000267	
Cable, Unscreened, DEF 7-1-9A	9	2.8		3.7	25	PP000268
Cable, Unscreened, DEF 7-1-9A	9	2.8		3.9	100	PP000269
Cable, Unscreened, DEF 7-1-12A	12	3				PP000270
Cable, Unscreened, DEF 7-1-15A	15	3.4				4.3

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