

Defence Standard Part4

Screened Type C

pro-POWER

RoHS
Compliant



Construction:

Conductor	Tinned Copper
Construction	0.055mm ² (7/0.1mm)
Insulation	Type 2 PVC compound to BS 7655-3.2
Screen	0.1mm tinned annealed copper braid (91% coverage)
Sheath	Type 6 PVC compound to BS 7655-4-2
Sheath Colour	Black or Grey

Standards / Conformances:

Def Stan 61-12 (Part 4), where applicable

Electrical Characteristics:

Rated Voltage (V)	: 250V AC RMS
Max. Conductor DC Resistance at 20°C (Ω/Km)	: 384
Min. Insulation Resistance of one core at 20°C (MΩ/Km)	: 140
Rated Conductor Temperature (°C)	: 70

Physical Characteristics:

Cores	Insulation Diameter (mm)		Nominal Overall Diameter (mm)	
	Min.	Max.	Min.	Max.
2	0.65	0.75	2.5	3.0
3	0.65	0.75	2.7	3.2
4	0.65	0.75	2.9	3.4
6	0.65	0.75	3.3	3.8
9	0.65	0.75	3.9	4.4
12	0.65	0.75	4.1	4.6
15	0.65	0.75	4.9	5.4
18	0.65	0.75		
25	0.65	0.75	6.0	6.6
36	0.65	0.75	6.6	7.2
50	0.65	0.75	7.7	8.3

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Core Colours:

No. of Cores	Identification Colours
2 3 4 6 9 12 15 18 25 36	1- red, 2-blue, 3- green, 4- yellow, 5- white, 6- black, 7- brown, 8- violet, 9- orange, 10- pink, 11- turquoise, 12- grey, 13- red/blue, 14- green/red, 15- yellow/red, 16- white/red, 17- red/black, 18- red/brown, 19- yellow/blue, 20- white/blue, 21- blue/black, 22- orange/blue, 23- green/blue, 24- grey/blue, 25- yellow/green, 26- white/green, 27- green/black, 28- orange/green, 29- grey/green, 30- yellow/brown, 31- white/brown, 32- brown/black, 33- grey/brown, 34- yellow/violet, 35- violet/black, 36- white/violet
50	<p>Centre: 1 Red, 2 Blue, 3 White.</p> <p>First layer: 4 Red, 5 Blue, (6, 7, 8, 9, 10, 11, 12) White.</p> <p>Second layer: 13 Red, 14 Blue, (15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28) White.</p> <p>Outer layer: 29 Red, 30 Blue, (31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50) White.</p>

Part Number Table

Description	Part Number
Cable, Scrn, 4Core, 7/0.1mm, 25m	860173 25M
Cable, Scrn, 4Core, 7/0.1mm, 100m	860173 100M
Cable, Scrn, 6Core, 7/0.1mm, 25m	860180 25M
Cable, Scrn, 6Core, 7/0.1mm, 100m	860180 100M
Cable, Scrn, 9Core, 7/0.1mm, 25m	860184 25M
Cable, Scrn, 9Core, 7/0.1mm, 100m	860184 100M
Cable, Scrn, 15Core, 7/0.1mm, 25m	860183-25M.
Cable, Scrn, 15Core, 7/0.1mm, 100m	860183-100M
Cable, Scrn, 25Core, 7/0.1mm, 25m	860128-25M

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