



Defence Standard Part 5 – Screened Type C

Product Type:

Defence Standard Cable

Application:

Originally developed for use by the MOD, these cables have been used by the commercial sector due to their compact size. These sub-miniature cables are used in process control systems, security and a variety of industrial applications. None of the cables are intended to be used as power cables

Standards:

Def Stan 61-12 (Part 5)
REACH and RoHS Compliant

Construction:

Conductor:	0.5mm ² (16/0.2mm) tinned annealed copper,
Insulation:	PVC
Screen:	High coverage tinned annealed copper braid
Sheath:	PVC
Sheath Colour:	Black or Grey

Electrical Characteristics:

Rated Voltage 440V ac. rms
 Rated Conductor Temperature 70°C
 Max. Conductor DC Resistance 40.1 Ω/Km @ 20°C
 Min. Insulation Resistance 11 MΩ.Km @ 20°C

Physical Characteristics:

No. of Cores	2	3	4	6	8	12	18	25	36	50	60
Nom Diameter / mm	6.5	6.8	7.3	8.3	8.8	10.5	12.0	14.1	16.1	18.4	19.7

Insulated core diameter 1.82mm nominal



Suppliers of Quality Assured Cables

Core Colours:

No. of Cores	Identification Colours
2	1- red, 2-blue, 3- green, 4- yellow, 5- white, 6- black, 7- brown, 8- violet, 9-
3	orange, 10- pink, 11- turquoise, 12- grey, 13- red/blue, 14- green/red, 15-
4	yellow/red, 16- white/red, 17- red/black, 18- red/brown, 19- yellow/blue, 20-
6	white/blue, 21- blue/black, 22- orange/blue, 23- green/blue, 24- grey/blue, 25-
8	yellow/green, 26- white/green, 27- green/black, 28- orange/green, 29-
12	grey/green, 30- yellow/brown, 31- white/brown, 32- brown/black, 33-
18	grey/brown, 34- yellow/violet, 35- violet/black, 36- white/violet
25	
36	Note : 25 Core : colours 1-22, 25,26 and 28
50	50 & 60 Core colours : Red, Blue reference in each layer ; remaining
60	cores White