

SCREENED & UNSCREENED MULTI-CORE CABLE

Unscreened Cable

Common Ref.	Mason Item No.	Max O.D. (mm)	No. of Cores	Stranding	Generally To Defence Standard 61-12
7-2-2a	D07202a	3.6	2	7 x 0.20mm	Part 4
7-2-3a	D07203a	3.8	3		
7-2-4a	D07204a	4.1	4		
7-2-6a	D07206a	4.8	6		
7-2-8a	D07208a	5.1	8		
7-2-12a	D07212a	6.4	12		
7-2-18a	D07218a	7.7	18		
7-2-25a	D07225a	9.0	25		
7-2-36a	D07236a	10.1	36		
16-2-1a	D16201a	3.3	1		
16-2-2a	D16202a	5.9	2		
16-2-3a	D16203a	6.2	3		
16-2-4a	D16204a	6.7	4		
16-2-6a	D16206a	7.7	6		
16-2-8a	D16208a	8.5	8		
16-2-12a	D16212a	9.9	12		
16-2-18a	D16218a	11.5	18		
16-2-25a	D16225a	13.6	25		
16-2-36a	D16236a	15.8	36		

Screened Cable (Braided)

Common Ref.	Mason Item No.	Max O.D. (mm)	No. of Cores	Stranding	Generally To Defence Standard 61-12
7-2-2c	D07202c	4.1	2	7 x 0.20mm	Part 4
7-2-3c	D07203c	4.3	3		
7-2-4c	D07204c	4.6	4		
7-2-6c	D07206c	5.9	6		
7-2-8c	D07208c	6.3	8		
7-2-9c	D07209c	6.6	9		
7-2-10c	D07210c	6.9	10		
7-2-12c	D07212c	7.2	12		
7-2-15c	D07215c	8.0	15		
7-2-18c	D07218c	8.5	18		
7-2-25c	D07225c	9.8	25		
7-2-36c	D07236c	11.2	36	16 x 0.20mm	Part 5
16-2-1c	D16201c	3.8	1		
16-2-2c	D16202c	6.9	2		
16-2-3c	D16203c	7.2	3		
16-2-4c	D16204c	7.7	4		
16-2-6c	D16206c	8.7	6		
16-2-8c	D16208c	9.7	8		
16-2-12c	D16212c	11.0	12		
16-2-18c	D16218c	12.5	18		
16-2-25c	D16225c	14.6	25		
16-2-36c	D16236c	16.7	36		

- Not contained within the Defence Standard specification but is manufactured generally to DEF 61-12, Parts 4 or 5
- O.D. measurement may vary by up to 0.2 mm.

SCREENED & UNSCREENED MULTICORE CABLE

APPLICATION

This range of multicore flexible cable is manufactured in accordance with Defence Standard 61-12 , Parts 4 & 5. The cable is designed for high density wiring in instrumentation and electronic equipment which includes avionic control systems, computers, data processors, process control systems, military vehicles, signaling and telemetry applications. This cable should not be used for direct connection of equipment to mains power supplies.

SPECIFICATION

Voltage Rating 440 volt AC rms at 1600Hz (Parts No. 7-1-25C 250 volt AC rms at 1600Hz)

Current Rating per conductor : 7/0.20mm-1.0 amp , 16/0.20mm-2.5amp

Flexible tinned annealed copper conductors

Type A : PVC insulated , PVC sheath

Type C : PVC insulated , overall screened with tinned copper braid, PVC sheath

Nom. Conductor resistance at 20°C : 7/0.20mm-92Ω/km, 16/0.20mm-40.1Ω/km

Maximum temperature 70°C

STANDARD COLOURS

Black PVC outer sheath

Colour coding refer to the following Chart

Colour Code Chart For DEF 61-12 Cables

Core No.	Base Colour	Stripe
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

Core No.	Base Colour	Stripe
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

Core colours for 25 core cables exclude cores 23, 24 and 27 and insert cores 25, 26 and 28.

PACKAGING

Supplied on 100M and 500M reels