

SCREENED & UNSCREENED MULTICORE CABLE

Multi-core Unscreened Cable

Generally To Defence Standard 61-12

MASON Part No.	No. of Cores	No. & Size Of Wires	Maximum Outside Diameter
Part 4			
D07202a	2	7 x 0.20 mm	3.6 mm
D07203a	3	7 x 0.20 mm	3.8 mm
D07204a	4	7 x 0.20 mm	4.1 mm
D07206a	6	7 x 0.20 mm	4.8 mm
D07208a	8	7 x 0.20 mm	5.1 mm
D07212a	12	7 x 0.20 mm	6.4 mm
D07218a	18	7 x 0.20 mm	7.7 mm
D07225a	25	7 x 0.20 mm	9.0 mm
D07236a	36	7 x 0.20 mm	10.1 mm
Part 5			
D16201a	1	16 x 0.20 mm	3.3 mm
D16202a	2	16 x 0.20 mm	5.9 mm
D16203a	3	16 x 0.20 mm	6.2 mm
D16204a	4	16 x 0.20 mm	6.7 mm
D16206a	6	16 x 0.20 mm	7.7 mm
D16208a	8	16 x 0.20 mm	8.5 mm
D16212a	12	16 x 0.20 mm	9.9 mm
D16218a	18	16 x 0.20 mm	11.5 mm
D16225a	25	16 x 0.20 mm	13.6 mm
D16236a	36	16 x 0.20 mm	15.8 mm

Multi-core Screened Cable

Generally To Defence Standard 61-12

MASON Part No.	No. of Cores	No. & Size Of Wires	Maximum Outside Diameter
Part 4			
D07202c	2	7 x 0.20 mm	4.1 mm
D07203c	3	7 x 0.20 mm	4.3 mm
D07204c	4	7 x 0.20 mm	4.6 mm
D07206c	6	7 x 0.20 mm	5.9 mm
D07208c	8	7 x 0.20 mm	6.3 mm
D07209c	9	7 x 0.20 mm	6.6 mm
D07210c	10	7 x 0.20 mm	6.9 mm
D07212c	12	7 x 0.20 mm	7.2 mm
D07215c	15	7 x 0.20 mm	8.0 mm
D07218c	18	7 x 0.20 mm	8.5 mm
D07225c	25	7 x 0.20 mm	9.8 mm
D07236c	36	7 x 0.20 mm	11.2 mm
Part 5			
D16201c	1	16 x 0.20 mm	3.8 mm
D16202c	2	16 x 0.20 mm	6.9 mm
D16203c	3	16 x 0.20 mm	7.2 mm
D16204c	4	16 x 0.20 mm	7.7 mm
D16206c	6	16 x 0.20 mm	8.7 mm
D16208c	8	16 x 0.20 mm	9.7 mm
D16212c	12	16 x 0.20 mm	11.0 mm
D16218c	18	16 x 0.20 mm	12.5 mm
D16225c	25	16 x 0.20 mm	14.6 mm
D16236c	36	16 x 0.20 mm	16.7 mm

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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	Core No.	Base Colour	Stripe
1	Red		19	Yellow	Blue
2	Blue		20	White	Blue
3	Green		21	Blue	Black
4	Yellow		22	Orange	Blue
5	White		23	Green	Blue
6	Black		24	Grey	Blue
7	Brown		25	Yellow	Green
8	Violet		26	White	Green
9	Orange		27	Green	Black
10	Pink		28	Orange	Green
11	Turquoise		29	Grey	Green
12	Grey		30	Yellow	Brown
13	Red	Blue	31	White	Brown
14	Green	Red	32	Brown	Black
15	Yellow	Red	33	Grey	Brown
16	White	Red	34	Yellow	Violet
17	Red	Black	35	Violet	Black
18	Red	Brown	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