

Defence Standard C Technical Data Sheet



Rated Voltage	Temperature Range	Minimum Bending Radius
440V	-20°C to +70°C	10 x cable OD

Conductor:	Class 5, tinned annealed copper to IEC 60228 and VDE 0295
Insulation:	PVC (Polyvinylchloride)
Screened:	Tinned copper braid screen (80% coverage)
Sheath:	Black PVC, available in LSF or LSOH
Standards:	IEC 60332-1-2

Part number	Conductor (No./mm)	Diameter of conductor (mm)	Thickness of insulation (mm)	Diameter of insulation (mm)	Diameter of screened (mm)	Thickness of sheath (mm)	Overall diameter (mm)	Approx. weight (Kgs/km)
7-2-2C	7/0.2	0.6	0.3	1.2	3.0	0.5	4.0	32
7-2-4C	7/0.2	0.6	0.3	1.2	3.4	0.5	4.4	74
7-2-3C	7/0.2	0.6	0.3	1.2	3.1	0.5	4.1	49
7-2-6C	7/0.2	0.6	0.3	1.2	4.2	0.6	5.4	91
7-2-8C	7/0.2	0.6	0.3	1.2	4.5	0.6	5.7	127
7-2-12C	7/0.2	0.6	0.3	1.2	5.6	0.6	6.8	177
7-2-18C	7/0.2	0.6	0.3	1.2	6.6	0.7	8.0	185
7-2-25C	7/0.2	0.6	0.3	1.2	8.1	0.7	9.5	238
16-2-2C	16/0.2	0.95	0.45	1.85	4.3	0.9	6.1	86
16-2-3C	16/0.2	0.95	0.45	1.85	4.6	0.9	6.4	109
16-2-4C	16/0.2	0.95	0.45	1.85	5.0	0.9	6.8	130
16-2-6C	16/0.2	0.95	0.45	1.85	6.1	0.9	7.9	182
16-2-8C	16/0.2	0.95	0.45	1.85	6.7	0.9	8.5	225
16-2-12C	16/0.2	0.95	0.45	1.85	8.4	0.9	10.2	318
16-2-18C	16/0.2	0.95	0.45	1.85	10.0	1.0	12.0	449
16-2-25C	16/0.2	0.95	0.45	1.85	12.1	1.0	14.1	604

Insulation identification

1	Red	8	Violet	15	Yellow/red	22	Orange/blue
2	Blue	9	Orange	16	White/red	23	Green/blue
3	Green	10	Pink	17	Red/black	24	Grey/blue
4	Yellow	11	Turquoise	18	Red/brown	25	Yellow/green
5	White	12	Grey	19	Yellow/blue		
6	Black	13	Red/blue	20	White/blue		
7	Brown	14	Green/ red	21	Blue/black		

Note: Base colours are identified by capital letters