

Defence Standard A Technical Data Sheet



Rated Voltage	Temperature Range	Min. Bending Radius
440V	-20°C to +70°C	8 x OD

Conductor:	Class 5, tinned annealed copper stranded to IEC 60228 and VDE 0295
Insulation:	PVC (Polyvinylchloride)
Lay up:	All cores are laid up together, wrapped with a polyester tape
Sheath:	Black PVC (polyvinylchloride) also available in LSF and 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 laid up cores (MM)	Thickness of sheath (MM)	Overall diameter (MM)	Approx weight (KGS/KM)
7-2-2A	7/0.2	0.6	0.3	1.2	2.5	0.5	3.5	16
7-2-3A	7/0.2	0.6	0.3	1.2	2.7	0.5	3.7	18
7-2-4A	7/0.2	0.6	0.3	1.2	3.0	0.5	4.0	24
7-2-6A	7/0.2	0.6	0.3	1.2	3.7	0.5	4.7	34
7-2-8A	7/0.2	0.6	0.3	1.2	4.1	0.6	5.3	48
7-2-12A	7/0.2	0.6	0.3	1.2	5.1	0.6	6.3	64
7-2-18A	7/0.2	0.6	0.3	1.2	6.1	0.7	7.5	93
7-2-25A	7/0.2	0.6	0.3	1.2	7.5	0.7	8.9	131
16-2-2A	16/0.2	0.95	0.45	1.85	3.8	0.9	5.6	44
16-2-3A	16/0.2	0.95	0.45	1.85	4.1	0.9	5.9	53
16-2-4A	16/0.2	0.95	0.45	1.85	4.6	0.9	6.4	62
16-2-6A	16/0.2	0.95	0.45	1.85	5.7	0.9	7.5	87
16-2-8A	16/0.2	0.95	0.45	1.85	6.2	0.9	8.0	119
16-2-12A	16/0.2	0.95	0.45	1.85	7.8	0.9	9.6	152
16-2-18A	16/0.2	0.95	0.45	1.85	9.4	1.0	11.4	213
16-2-25A	16/0.2	0.95	0.45	1.85	11.5	1.0	13.5	258

Insulation identification

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

Note: Base colours are identified by capital letters