

Defence Standard S LSOH Technical Data Sheet



Voltage Rating	Temperature Range	Min. Bending Radius
440V	-20°C to +70°C	12 x OD

Conductor: Class 5 tinned copper to IEC 60228 and VDE 0295

Insulation: LSOH

Screen: Aluminium-Mylar foil screening with a drain wire

Sheath: LSOH

Part number	Conductor (No/mm)	Diameter of conductor (mm)	Thickness of insulation (mm)	Diameter of insulation (mm)	Diameter of screen (mm)	Thickness of sheath (mm)	Overall diameter (mm)	Approx. Weight (kgs/km)
16-2-2S	16/0.2	0.95	0.45	1.85	3.9	0.8	5.5	38
16-2-4S	16/0.2	0.95	0.45	1.85	4.7	1.0	6.7	55
16-2-6S	16/0.2	0.95	0.45	1.85	5.8	1.0	7.8	81
16-2-8S	16/0.2	0.95	0.45	1.85	6.3	1.0	8.3	92
16-2-12S	16/0.2	0.95	0.45	1.85	7.9	1.0	9.9	136
16-2-18S	16/0.2	0.95	0.45	1.85	9.5	1.0	11.5	186
24-2-4S	24/0.2	1.15	0.45	2.05	5.1	1.0	7.1	83

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