



**LSZH EQUIPMENT WIRES - SCREENED AND SHEATHED
DEF STAN 61-12 PART 18**

Conductor					Finished Cable		
Size	Nominal Area mm ²	Number/ Diameter of Wires mm	Maximum Diameter mm	Resistance at 20°C ohm/km	Outer Diameter		Maximum Weight kg/km
					Min mm	Max mm	
26	0.15	19/0.10	0.53	141.5	1.60	2.00	8.29
24	0.2	19/0.12	0.62	95.6	1.70	2.10	9.88
22	0.4	19/0.15	0.80	60.0	1.85	2.25	12.00
20	0.6	19/0.20	1.04	33.2	2.10	2.50	16.00
18	1.0	19/0.25	1.29	21.1	2.35	2.75	21.30
16	1.2	19/0.30	1.53	14.5	2.75	3.15	29.20
14	2.0	37/0.25	1.82	10.9	2.90	3.35	34.80
12	2.6	37/0.30	2.18	7.6	3.25	3.70	43.10

Conductor	NATO STOCK NUMBER 6145-99-			
	TYPE 1SBM 85°C		TYPE 1SBM 120°C	
	Pink Insulation	White Insulation	Pink Insulation	White Insulation
19/0.10	053-5000	053-5008	053-9767	053-9768
19/0.12	053-5001	053-5009	053-9771	053-9772
19/0.15	053-5002	053-5010	053-9775	053-9776
19/0.20	053-5003	053-5011	053-9779	053-9780
19/0.25	053-5004	053-5012	053-9783	053-9784
19/0.30	053-5005	053-5013	053-9787	053-9788
19/0.35	053-5006	053-5014	053-9791	053-9792
19/0.40	053-5007	053-5015	053-9795	053-9796

PRODUCT DESCRIPTION:

A range of low toxicity, limited fire hazard Type 1SBM wires complying with Def Stan 61-12 part 18.

Construction

- Conductors: Tinned annealed copper
- Insulation: Dual-layer system comprising polyolefin with an outer layer and polyaromatic thermoplastic
- Screen: Tinned annealed copper wire braid
- Sheath:
 - Type 1SBM120 - Polyaromatic thermoplastic
 - Type 1SBM85 - Irradiation crosslinked halogen-free elastomer to Def Stan 61-12 Part 31

Standard core colours

Red, blue, green, yellow, black, white, brown, violet, orange, grey, pink, and green/yellow

PRODUCT CHARACTERISTICS:

- Operating temp range:
 - Type 1SBM120: -50°C to +120°C
 - Type 1SBM85: -50°C to +85°C
- Voltage rating: 600Vrms or 800V dc

The information contained in this document is valid and correct at the time of issue. However, we reserve the right to modify details without notice in the light of subsequent Standard / Specification changes and ongoing technical developments. Diagram colours are used for representation only.