



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

Conductor					Finished Cable				
Size	Nominal Area mm <sup>2</sup>	Number/ Diameter of Wires mm	Maximum Diameter mm	Resistance at 20°C ohm/loop km	Diameter over Insulation		Diameter over Screen		Maximum Weight kg/km
					Min mm	Nom mm	Min mm	Max mm	
26	0.15	19/0.10	0.53	141.5	0.80	0.95	1.20	1.45	5.76
24	0.2	19/0.12	0.62	95.6	0.90	1.05	1.30	1.55	7.20
22	0.4	19/0.15	0.80	60.0	1.05	1.20	1.45	1.70	9.11
20	0.6	19/0.20	1.04	33.2	1.30	1.50	1.70	1.95	12.70
18	1.0	19/0.25	1.29	21.1	1.55	1.75	1.95	2.20	17.70
16	1.2	19/0.30	1.53	14.5	1.80	2.00	2.35	2.60	25.00
14	2.0	37/0.25	1.82	10.9	2.15	2.35	2.50	2.80	30.30
12	2.6	37/0.30	2.18	7.6	2.50	2.70	2.85	3.15	38.10

**PRODUCT DESCRIPTION:**

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

**PRODUCT CHARACTERISTICS:**

**Construction**

Conductors: Tinned annealed copper  
 Insulation: Dual-layer system comprising polyolefin layer and polyaromatic thermoplastic  
 Screen: Tinned annealed copper wire braid

**Standard core colours**

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

Operating temp range: -50°C to +120°C  
 Voltage rating 600Vrms or 800V dc

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