



LSZH EQUIPMENT WIRES - UNSCREENED 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/loop km	Insulation Thickness		Overall Diameter		Maximum Weight kg/km
					Min mm	Max mm	Min mm	Max mm	
30	0.050	1/0.25	0.254	383.5	0.15	0.20	0.55	0.70	0.92
26	0.120	1/0.40	0.404	145.6	0.15	0.20	0.70	0.85	2.00
23	0.280	1/0.60	0.606	64.0	0.15	0.20	0.90	1.05	3.96
19	0.630	1/0.90	0.909	28.5	0.15	0.20	1.20	1.35	7.90
30	0.055	7/0.10	0.320	336.0	0.15	0.20	0.60	0.75	1.10
28	0.079	7/0.12	0.380	259.0	0.15	0.20	0.65	0.80	1.50
26	0.150	19/0.10	0.530	141.5	0.15	0.20	0.80	0.95	2.90
24	0.200	19/0.12	0.620	95.6	0.15	0.20	0.90	1.05	3.45
22	0.400	19/0.15	0.800	60.0	0.15	0.20	1.05	1.20	4.90
20	0.600	19/0.20	1.040	33.2	0.15	0.20	1.30	1.50	7.56
18	1.000	19/0.25	1.290	21.1	0.15	0.20	1.55	1.75	10.40
16	1.200	19/0.30	1.530	14.5	0.15	0.20	1.80	2.00	16.50
14	2.000	37/0.25	1.820	10.9	0.20	0.25	2.15	2.35	20.70
12	2.600	37/0.30	2.180	7.6	0.20	0.25	2.50	2.70	27.10

PRODUCT DESCRIPTION:

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

PRODUCT CHARACTERISTICS:

Construction

Conductors: Tinned annealed copper
 Insulation: Dual-layer system comprising polyolefin with an outer layer of polyaromatic thermoplastic

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

Product Numbering : 6145-99-

Conductor	Red	Blue	Green	Yellow	Black	White	Brown	Violet	Orange	Grey	Pink	Green/ Yellow
7/0.10	891-9479	891-9480	891-9481	891-9482	891-9483	891-9484	891-9485	891-9486	891-9487	891-9488	891-9489	891-9490
7/0.12	891-9491	891-9492	891-9493	891-9494	891-9495	891-9496	891-9497	891-9498	891-9499	891-9500	891-9501	891-9502
19/0.10	891-9503	891-9504	891-9505	891-9506	891-9507	891-9508	891-9509	891-9510	891-9511	891-9512	891-9513	891-9514
19/0.12	891-9515	891-9516	891-9517	891-9518	891-9519	891-9520	891-9521	891-9522	891-9523	891-9524	891-9525	891-9526
19/0.15	891-9527	891-9528	891-9529	891-9530	891-9531	891-9532	891-9533	891-9534	891-9535	891-9536	891-9537	891-9538
19/0.20	891-9539	891-9540	891-9541	891-9542	891-9543	891-9544	891-9545	891-9546	891-9547	891-9548	891-9549	891-9550
19/0.25	891-9551	891-9552	891-9553	891-9554	891-9555	891-9556	891-9557	891-9558	891-9559	891-9560	891-9561	891-9562
19/0.30	891-9563	891-9564	891-9565	891-9566	891-9567	891-9568	891-9569	891-9570	891-9571	891-9572	891-9573	891-9574
37/0.25	891-9575	891-9576	891-9577	891-9578	891-9579	891-9580	891-9581	891-9582	891-9583	891-9584	891-9585	891-9586
37/0.30	891-9587	891-9588	891-9589	891-9590	891-9591	891-9592	891-9593	891-9594	891-9596	891-9596	891-9597	891-9598

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.