

7-2-*A (Unscreened) LSZH

Conductor:	Tinned annealed flexible copper	
Insulation:	LSZH (Low smoke zero halogen) XLPE insulated versions also available	
Core identification:	Single and Bi-coloured Cores 2 to 36 cores in acc. Def Stan 61-12 50 core and above to BATT Cables colour code	
Sheath:	LSZH (Low smoke zero halogen)	
Colour:	Black	
Conductor size:	0.22mm ²	
Stranding:	7/.2mm	
Diameter over conductor:	0.6mm	
RT of insulation	0.3mm	
Nominal overall diameter of core:	1.20mm	
Current rating:	1.0 amps	
Max conductor resistance at 20°C:	92 ohms DC/KM	
Voltage:	440v	
Minimum bending radius:	6 x overall diameter	
Operating temperature:	90°C, Minimum bending: -15°C	
Combustion characteristics:	HCL emission maximum 0.5% in accordance with BS6425: Pt1. Completed cables comply with the requirements of fire test BSEN50266-1:2001 (previously BS4066: pt3)	
Standards:	Defence standard 61-12 Part 5: Wires, cords & cables, electrical -metric units. Part 5 - cables, special purpose, electrical & cables, power, electrical (small multicore cables)	
Notes:	Flexible tinned annealed copper conductors, XLPE or LSZH insulated/Polyester taped/LSZH sheathed. Circular 440 volts grade R.M.S (at 1600 c/s) to Def. Stan 61-12 Part 4 (Where applicable). (* Denotes number of cores) The current ratings given apply only to single conductors in free air at normal ambient temperature. Ratings for multicore cables vary with the number of loaded conductors, the disposition of the cables and the ambient temperature.	

Number of cores	Cable Ref	Diameter over laid up cores mm	Nominal overall diameter mm	Weight kg/km	BATT Part No LSZH	BATT Part No XLPE
2	7-2-2A LSZH	2.4	3.4	13	35128	-
3	7-2-3A LSZH	2.6	3.6	16	-	35129
4	7-2-4A LSZH	2.9	3.9	20	35130	-
6	7-2-6A LSZH	3.6	4.6	30	35169	-
**8	7-2-8A LSZH	4.1	5.1	38	35083	-
12	7-2-12A LSZH	5.0	6.1	53	35131	-
18	7-2-18A LSZH	6.0	7.4	80	-	35132
25	7-2-25A LSZH	7.2	8.7	100	-	35133
36	7-2-36A LSZH	8.4	9.8	140	-	-
50	7-2-50A LSZH	10.0	11.6	200	-	-
60	7-2-60A LSZH	10.8	12.4	230	-	-