

## 16-2-A Part 5 (Unscreened): LSZH/LSZH

<b>Conductor:</b>	Tinned annealed flexible copper
<b>Insulation:</b>	LSZH (Low smoke zero halogen) XLPE insulated versions also available
<b>Core identification:</b>	Single and Bi-Coloured Cores 2 to 36 core in acc.Def Stan 61-12. 50 core and above to BATT Cables Colour code.
<b>Tape:</b>	Polyester taped
<b>Sheath:</b>	LSZH (Low smoke zero halogen)
<b>Colour:</b>	Black
<b>Conductor size:</b>	0.5mm <sup>2</sup>
<b>Stranding:</b>	16/.2
<b>Diameter over conductor:</b>	0.93
<b>RT of insulation</b>	0.45
<b>Nominal overall diameter of core:</b>	1.83
<b>Current rating:</b>	2.5
<b>Max conductor resistance at 20°C:</b>	40.1
<b>Voltage:</b>	440v
<b>Minimum bending radius:</b>	6 x overall diameter
<b>Operating temperature:</b>	Maximum 90°C, Minimum flexing -15°C
<b>Combustion characteristics:</b>	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)
<b>Standards:</b>	Defence standard 61-12 Part 5: Wires, cords & cables, electrical -metric units. Part 5 - cables, special purpose, electrical & cables, power, electrical (small multicore cables)



No 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	16-2-2A LSZH	3.7	5.5	35	35172	35135
3	16-2-3A LSZH	3.9	5.8	45	-	-
4	16-2-4A LSZH	4.4	6.3	54	35136	-
6	16-2-6A LSZH	5.5	7.3	73	35137	-
12	16-2-12A LSZH	7.6	9.5	128	-	35138
18	16-2-18A LSZH	9.2	11.0	178	-	35139
25	16-2-25A LSZH	11.0	13.4	247	-	35140
36	16-2-35A LSZH	12.8	15.1	345	-	35192
50	16-2-50A LSZH	15.3	17.6	463	-	35193
60	16-2-60A LSZH	16.5	18.8	543	-	35194

Whilst BATT CABLES plc endeavours to ensure the information on the website, specification sheets and all other technical information is accurate, the information is for guidance only and it is subject to change without notice or liability. Batt Cables Plc is not responsible for the consequences of any inadequacies, inaccuracies or other deficiencies contained therein. When selecting cable accessories, please note that the actual cable dimensions may vary due to manufacturing tolerances.