

16-2-A Part 5 (Unscreened): LSZH/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 core in acc.Def Stan 61-12. 50 core and above to BATT Cables Colour code.
Tape:	Polyester taped
Sheath:	LSZH (Low smoke zero halogen)
Colour:	Black
Conductor size:	0.5mm ²
Stranding:	16/.2
Diameter over conductor:	0.93
RT of insulation	0.45
Nominal overall diameter of core:	1.83
Current rating:	2.5
Max conductor resistance at 20°C:	40.1
Voltage:	440v
Minimum bending radius:	6 x overall diameter
Operating temperature:	Maximum 90°C, Minimum flexing -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)



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