

**TECHNICAL DATA SHEET**  
**MINERAL INSULATED CABLE (LIGHT DUTY)**  
**LSZH COVERED**

**Manufacturing Standard**

**BS EN 60702 Part 1**

**Fire Performance**

BS6387 C-W-Z – LPCB

BS EN50200 PH30, PH60, PH120

BS8434-2

BS8519 Power & Control CAT 1, 2 & 3

BS8491

**Additional Fire Performance**

BS EN50268 – IEC61034 - Smoke Emission

BS EN50265, 50266

BS EN / IEC 60332-1 Flame Propagation

BS EN / IEC60332-3 Categories A, B & C Flame Propagation



**Construction**

- Class 1 Plain Annealed Copper Conductor to BS EN60228
- Compressed Magnesium Oxide Powder Insulation
- Solid Copper Sheath
- Low Smoke Zero Halogen Sheathed

**Voltage Rating**            500 Volt

**Operating Temp**        -10°C to +250°C

**Bending Radius**        6 x Overall Diameter

**Sheath Colour**            Orange, Red or White



A Ducab Company

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### TECHNICAL DATA

Cable Reference	No of Cores and CSA	Current Rating (Exposed)		Voltage Drop		Max Conductor Resistance at 20°C	CSA of Copper Sheath	Nominal Overall Diameter	Nominal Weight
		Single Phase ac or dc	Three Phase ac	Single Phase ac or dc	Three Phase ac				
	mm <sup>2</sup>	Amps	Amps	mV/A/m	mV/A/m	Ohm/Km	mm <sup>2</sup>	mm	Kg/Km
2L 1.5	2 x 1.5	23.00	-	28.00	-	12.1	6.30	7.00	154
2L 2.5	2 x 2.5	31.00	-	17.00	-	7.41	8.20	7.90	206
2L 4.0	2 x 4.0	40.00	-	10.00	-	4.61	10.70	9.20	322
3L 1.5	3 x 1.5	-	19.00	-	24.00	12.1	7.80	7.70	194
3L 2.5	3 x 2.5	-	26.00	-	14.00	7.41	9.50	8.80	272
4L 1.5	4 x 1.5	-	19.00	-	24.00	12.1	9.10	8.30	231
4L 2.5	4 x 2.5	-	26.00	-	14.00	7.41	11.30	9.60	336
7L 1.5	7 x 1.5	13.00	-	28.00	-	12.1	11.80	9.90	351
7L 2.5	7 x 2.5	17.50	-	17.00	-	7.41	15.40	11.20	475