

TECHNICAL DATA SHEET
MINERAL INSULATED CABLE (LIGHT DUTY)
BARE COPPER

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



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



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 ²	Amps	Amps	mV/A/m	mV/A/m	Ohm/Km	mm ²	mm	Kg/Km
2L 1.5	2 x 1.5	21.00	-	28.00	-	12.1	6.30	5.70	131
2L 2.5	2 x 2.5	28.00	-	17.00	-	7.41	8.20	6.60	180
2L 4.0	2 x 4.0	36.00	-	10.00	-	4.61	10.70	7.70	262
3L 1.5	3 x 1.5	-	17.00	-	24.00	12.1	7.80	6.40	168
3L 2.5	3 x 2.5	-	23.00	-	14.00	7.41	9.50	7.30	222
4L 1.5	4 x 1.5	-	17.00	-	24.00	12.1	9.10	7.00	203
4L 2.5	4 x 2.5	-	23.00	-	14.00	7.41	11.30	8.10	286
7L 1.5	7 x 1.5	12.00	-	28.00	-	12.1	11.80	8.40	310
7L 2.5	7 x 2.5	16.00	-	17.00	-	7.41	15.40	9.70	433