

LHDN 110°C Single Core Double insulated Power Cable

CONSTRUCTION	
Conductors	Plain annealed copper conductors AS/NZS1125 Class 5
Insulation	X-HF-110 Flame Retardant
Sheath	Nitrile modified PVC-N (NBR) to AS/NZ5000.1
Voltage	0.6/1kV
Sheath Colour	Orange, Red, Blue and Black

FEATURES	
RoHS COMPLIANT	
Excellent Flexibility	
Flame Retardant, Cross - Linked Insulation 110°C, Low flame propagation	
99.9% OFHC (Oxygen Free High Conductivity) Copper which does not show any brittleness	
Bending Radius \geq 25m Fixed 4xD Flexible = 6xD	
Bending Radius \leq 35m Fixed 6xD Flexible = 9xD	

APPLICATIONS	
Single core power for flexible and fixed applications	
Internal Switchboard Wiring	
Machine & Equipment Cabling	
Battery Banks	
Generator Sets	
Other Industrial Applications	

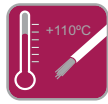
PACKAGING	
Standard Length Cable Packing	100m 500m as well as cut to length 10mm ² and above
Standard Cable Markings	Manufacturer LHDN 110°C mm ² 0.6/1kV Electric Cable.< Metre Marked >

Please Note

Please consult with your Electrician / Engineer to ensure this cable is suitable for the intended application and installation.

Elcon Cables takes every precaution to ensure the information in this publication is correct but accepts no liability of any kind and reserves the right to change any detail in this catalogue without notification.

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Product Code	Nominal Area mm ²	Nominal Insulation Thickness mm	Nominal Sheath Thickness mm	Max DC Resistance @20°C mΩ/mt	Amps **	Nominal OD mm	Mass Kg/Mtr
LHDN10	10.0	0.70	1.20	1.910	99	8.55	0.15
LHDN16	16.0	0.70	1.20	1.210	130	9.20	0.20
LHDN25	25.0	0.90	1.30	0.780	173	11.10	0.305
LHDN35	35.0	0.90	1.35	0.554	214	12.40	0.41
LHDN50	50.0	1.00	1.40	0.386	270	14.30	0.578
LHDN70	70.0	1.10	1.50	0.272	340	16.40	0.79
LHDN95	95.0	1.10	1.55	0.206	410	18.00	1.02
LHDN120	120.0	1.20	1.60	0.161	487	20.00	1.24
LHDN150	150.0	1.40	1.70	0.129	562	22.20	1.58
LHDN185	185.0	1.60	1.80	0.104	644	24.70	1.98
LHDN240	240.0	1.70	1.90	0.081	775	28.10	2.75
LHDN300	300.0	2.00	2.00	0.0641	895	32.00	3.56

Please Note**

Amperage ratings specified are in accordance with AS/NZS 3008.1.1.2009 Table 9.(Flexible "Spaced"). Further Current ratings are available in the technical section of this catalogue. Derating factor may apply, refer to AS/NZS 3008.1.1.2009.

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