

DC Cable (Flex) - Red or Blue

EARTHING | GROUND | ELECTRICAL | DC CABLES



LHDN 0.6/1kV Flame Retardant Power Flex 110°C LHDN 110°C Single Core Double Insulated Power Cable

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

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
- Colour - Red, blue

Applications:

- Single core power for flexible and fixed applications
- Internal switchboard wiring
- Machine and equipment cabling
- Battery banks
- Generator sets
- Other industrial applications

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Part #	Nominal Area (mm ²)	Colour	Length (M)	Nominal Insulation Thickness (mm)	Nominal Sheath Thickness (mm)	Max DC Resistance @20°C (mΩ/mt)	Amps	Nominal OD (mm)	Mass (kg/M)
16BLUEF20M	16.0	Blue	20	0.70	1.20	1.210	130	9.20	0.20
16BLUEF30M	16.0	Blue	30	0.70	1.20	1.210	130	9.20	0.20
16BLUEF100M	16.0	Blue	100	0.70	1.20	1.210	130	9.20	0.20
16REDF20M	16.0	Red	20	0.70	1.20	1.210	130	9.20	0.20
16REDF30M	16.0	Red	30	0.70	1.20	1.210	130	9.20	0.20
16REDF100M	16.0	Red	100	0.70	1.20	1.210	130	9.20	0.20
25BLUEF20M	25.0	Blue	20	0.90	1.30	0.780	173	11.10	0.305
25BLUEF30M	25.0	Blue	30	0.90	1.30	0.780	173	11.10	0.305
25BLUEF100M	25.0	Blue	100	0.90	1.30	0.780	173	11.10	0.305
25REDF20M	25.0	Red	20	0.90	1.30	0.780	173	11.10	0.305
25REDF30M	25.0	Red	30	0.90	1.30	0.780	173	11.10	0.305
25REDF100M	25.0	Red	100	0.90	1.30	0.780	173	11.10	0.305

Please Note

Amperage ratings specified are in accordance with AS/NZS 3008.1.1.2009 Table 7.

Further current ratings are available.

Derating factor may apply, refer to AS/NZS 3008.1.1.2009.

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

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