



SIPF Single Core Single Insulated PVC Power Cables

CONSTRUCTION

Conductors	Plain annealed copper conductors AS/NZS1125 Class 5
Insulation	PVC V90HT to AS/NZ 5000.1
Voltage	0.6/1 kV
Colour	Red, White, Blue, Black, Green/Yellow Earth

FEATURES

RoHS COMPLIANT
Excellent Flexibility
UV Stabilised
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
Other Industrial Applications

PACKAGING

Standard Length Cable Packing	100m 500m as well as cut to length 10mm ² and above
Standard Cable Markings	Manufacturer V90HT 0.6/1 kV Electric cable <Size> mm ²

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	Max DC Resistance @20°C mΩ/mt	Amps **	Nominal OD mm	Mass Kg/Mtr
SIPF6	1 x 6	1.00	3.300	54	5.30	0.076
SIPF10	1 x 10	1.00	1.910	75	6.30	0.120
SIPF16	1 x 16	1.00	1.210	100	7.40	0.180
SIPF25	1 x 25	1.20	0.780	133	9.10	0.275
SIPF35	1 x 35	1.20	0.530	165	10.40	0.379
SIPF50	1 x 50	1.40	0.386	209	12.30	0.535
SIPF70	1 x 70	1.40	0.272	263	14.00	0.731
SIPF95	1 x 95	1.60	0.200	318	16.30	1.000
SIPF120	1 x 120	1.60	0.161	377	17.90	1.229
SIPF150	1 x 150	1.80	0.129	437	20.00	1.68

Please Note**

Amperage ratings specified are in accordance with AS/NZS 3008.1.2.2010 Table 7.
Further Current ratings are available in the technical section of this catalogue.
Derating factor may apply, refer to AS/NZS 3008.1.2.2010.

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