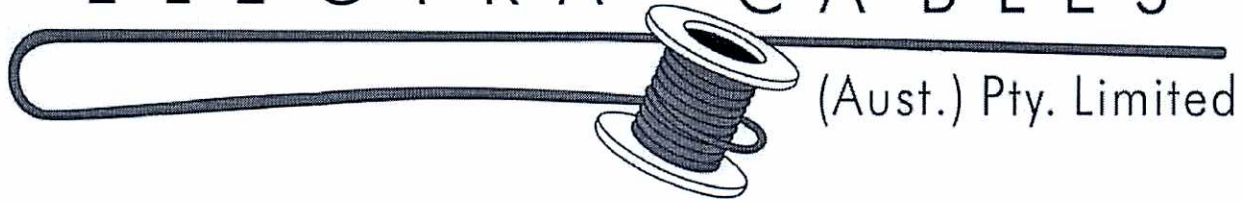


ELECTRA CABLES



Solar Cable – Flexible UV resistant 120°C Double Insulated

0.6/1 kV AC Tinned copper conductor,
UV resistant flexible Solar Cable.



Description: Flexible Tinned copper conductor with single or twin core, double insulated black UV resistant Electron beam cross linked sheath with red and black inner cores.

Application: This Solar cable is intended for use in Photovoltaic power supply system.

Optimum operating temperature is between -40 °C to 90 °C. It may be installed as free moving, fixed or hanging. It can also be installed in cable trays, conduits, on or in Walls.

Conductor: Tinned Copper

Voltage: 0.6/1 kV AC ,1.8kV D.C

Insulation: Electron Beam Cross Linked XLPE

Sheath: Electron Beam Cross Linked XLPE

Temperature Rating: -40 °C to 90 °C

Max. Conductor Temperature Rating: 120 °C

Core Colors: Single core: Red or Black

Twin core: Red , Black

Sheath Colors: Black

Standard: PV1-F of TUV 2 Pfg 1169/08.2007 Life Expectancy:25 Years

Fire Performance:

Vertical flame spread of a single cable: IEC60332-1

Smoke Density: IEC61034, EN50268-2

Content of Halogen hydracids 0mg/g:IEC60754-1 EN 50267-2-1

Typical Features:

CAUTION
DC CABLE - DO NOT
DISCONNECT UNDER
LOAD

Electra Cables Part No.	Nominal area mm ²	No./Dia mm	Nominal insulation Thickness mm	Nominal Sheath Thickness mm	Approx Overall Diameter mm	Max.cond. DC. Resistance @ 20°C Ω/km	Approx Mass kg/100m
Single Core							
PV56031	4	56/0.30	0.6	0.6	4.65	5.09	4.95
PV84031	6	84/0.30	0.6	0.7	5.6	3.75	7.5
Twin Core							
PV50252	2.5	50/0.25	0.6	0.6	4.3x9.0	8.21	7.3
PV56032	4	56/0.30	0.6	0.6	4.7x9.6	5.09	9.85
PV84032	6	84/0.30	0.6	0.7	5.6x11.6	3.75	14.5
PV142032	10	142/0.30	1.1	1.0	8.5x17.8	1.95	29.0



Quality ISO 9001
Certified System

Note: Other types or other lengths of the above cables can be manufactured according to customers specifications.