

SOLAR SERIES

**Standard Performance Solar Cable
1.0/1.5kV DC 120°C**



APPLICATIONS:

Solar Suitable for cabling between interconnected solar modules or DC/AC inverter (photovoltaic power supply systems).

PRODUCT FEATURES:

- ▶ Tinned fine stranded copper conductor
- ▶ UV resistant
- ▶ Environmentally friendly
- ▶ Flame retardant
- ▶ Heat, oil and chemical resistant

CONSTRUCTION:

Conductor Annealed tinned copper stranded Class 5 for flexibility.

Insulation EBXL 120°C compound.

Sheath EBXL 120°C compound.

CHARACTERISTICS:

Operating Temperature Range -40°C to 90°C.

Maximum Conductor Temperature 120°C.

Rated Voltage U₀/U 1.0/1.5kV DC Voltage.

Minimum Bending Radius Fixed 4 x cable diameter / Flexing 6 x cable diameter.

Sheath Colour Black.

Standard Core Colours Black, Red.

Relative Standards AS/NZS 5033:2021, IEC 62930:2017,

RoHS Compliant and CE Certified.

Code	No. of Cores x Size (mm ²)	Approx. Stranding (No. of wires x mm)	Approx. Overall Diameter (mm)	Current carrying capacity (60°C ambient temperature (free air))	Approx. Weight (Kg/Km)
SOLAR2/4.0	2 x 4.0	52 / 0.30	5.60 x 11.50	55	120
SOLAR2/6.0	2 x 6.0	84 / 0.30	6.20 x 12.50	70	156

TRAFFIC, SOLAR, IRRIGATION & GARDEN LIGHTING CABLE