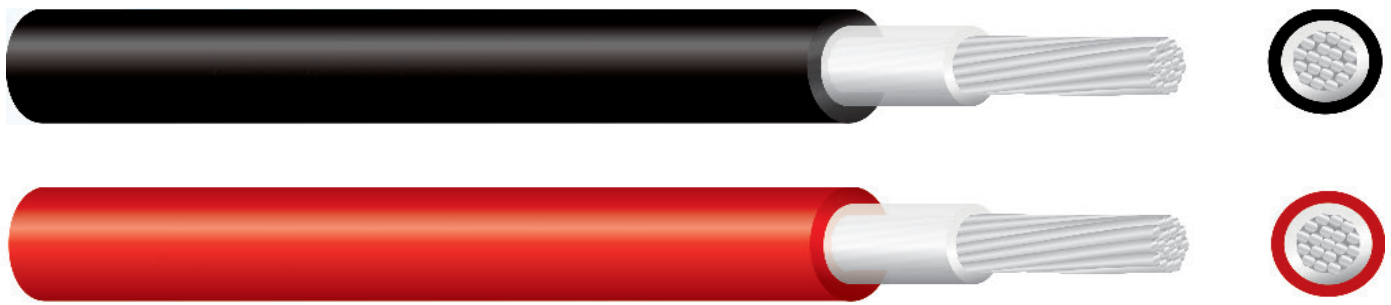


# Solar PV Cables





# Solar PV Cables



**Product Application:** The Solar PVC Cables are suitable for the interconnection of Solar Photovoltaic panels and connections to the combiner boxes and AC/DC inverters and are suitable for both indoor and outdoor use. The complete range of Solar PV Cables is designed specifically for the connection of PV Panels and DC applications in compliance with the discrete Standards. The cables are suitable for installation in conduit or trunking systems and are not suitable for direct burial.

**Product Standards:** As per BS EN 50618, IEC 62930

**Conductor Material:** Tinned Copper

**Conductor Type:** Flexible Conductor (Class-5)

**Conductor Shape:** Round

## CONDUCTOR INSULATION:

**Insulation Material:** Cross Linked Halogen Free & Flame-retardant compound

## OUTER SHEATH:

**Material:** Cross Linked Halogen Free & Flame-retardant compound

**Outer Sheath Identification:** Red or Black

**Range of Size & Core:** 1.5Sqmm to 16Sqmm with Single Core

**Range of Size:** 1.5Sqmm to 16Sqmm

**Ambient Temperature:** -40°C to 90°C

**Maximum Conductor Temperature:** 40°C to 120°C

**Voltage Rating:** 1.5/ 1.5 kV DC

**Voltage Test:** 6500V as per EN 50395

**Maximum Permissible Operating Voltage:** DC 1.5kV (Conductor-Conductor, non-earthed system)

**Nominal Voltage:** AC-0.6/1.0 kV; DC-900/1.5 kV

**Minimum Bending radius:** 5 x Outer Diameter for fixed installation

**Packaging Length:** 100Mtr Coil or 500Mtr Drum or as per Customer's request