

# SOLAR CABLES

## (Cables for Photovoltaic)

### SOLAR CABLES

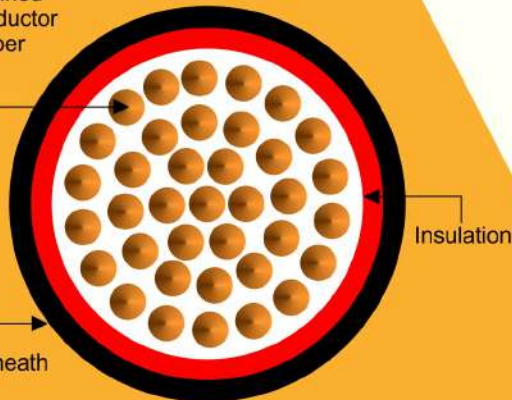
(PV Modules to AJB/MJB to Inverter)

Solar cables are exclusively made for applications in photovoltaic power systems. A solar cable interconnects solar panels and other electrical components of photovoltaic system. These solar cables are designed to be UV & Ozone resistant, Chemical and Oil resistant, with excellent FR properties, propagates smoke with low capacity when burned with external source and contains absolutely ZERO or low halogen. This cable can survive extreme weather conditions. It can be used within a large temperature range and are generally laid outside. These cable can be installed at indoor in hazard area, in explosion areas, in industry and in agriculture.



### CONSTRUCTION CHARACTERISTICS

Annealed Tinned  
Copper Conductor  
(Class 5 as per  
IEC-60228)



Outer Sheath

Insulation

### SPECIAL PROPERTIES OF SOLAR CABLES

- Voltage rating: 1.5 (1.8) KV DC / 0.6 / 1.0 (1.2) KVAC
- Maximum Conductor temperature of operation at 120°C during 20000 hours
- Minimum bending radius - 4 times of overall diameter.
- Insulation resistance - 1000 MΩ/km
- Spark test - 6000 VAC(8000 V DC)
- Generally conforming to National/International standards.

**Tempsens Instruments (I) Pvt. Ltd.**

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