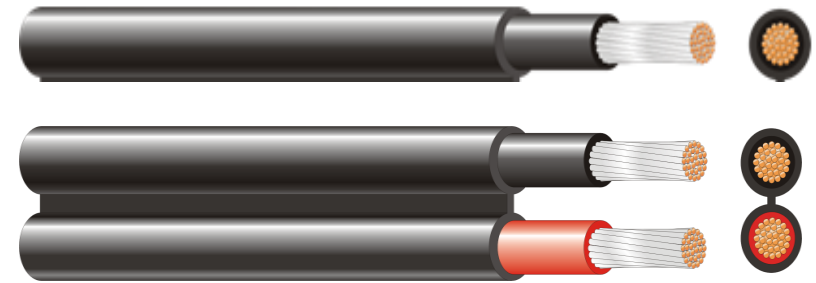


Photovoltaic Power Cable, TUV Single/Twin Cores

Application: Solar Panel & Solar Power System
Standard: TUV Rheinland Pfg 1169 08.2007 PV1-F
Conductor: Stranded Tinned Copper
Insulation: Cross-Linked Polyethylene
Sheath: Cross-Linked Polyethylene
Single Core Color: Red or Black
Twin Core Color: Red & Black
Sheath Color: Black
Normal Voltage: 600/1000VAC, 1000/1800VDC



Spark Test: 10000VAC
Elongation (Un-Aged): $\geq 125\%$
Strength (Un-Aged): ≥ 8 Mpa
Conductor Temperature: ≤ 120 °C
Ambient Temperature: -40 °C up to 90 °C
Cold Bend Test: No Crack @ -40+/-2°C x 16h
Bending Radium: ≥ 4 x Cable OD
Thermal Endurance: >25 Years
Flame Test: IEC 60332-1
Packing Length: 100m/500m



Part Number	Nominal Area (mm ²)	No./Diameter (mm)	Stranded Conductor OD(mm)	Cable OD (mm)	Max. Conductor Resistance @20°C (Ω/km)	*Current-Carrying Capacity @60 °C (A)
CBL14SOLAR	1x4.0	52/0.30	2.46	4.60	5.090	55
CBL16SOLAR	1x6.0	78/0.30	3.06	5.30	3.390	70
CBL24SOLAR	2x4.0	52/0.30	2.46	4.60x9.72	5.090	55
CBL26SOLAR	2x6.0	78/0.30	3.06	5.30x10.80	3.390	70

*The current-carrying capacity is under the situation of laying the single cable in air.