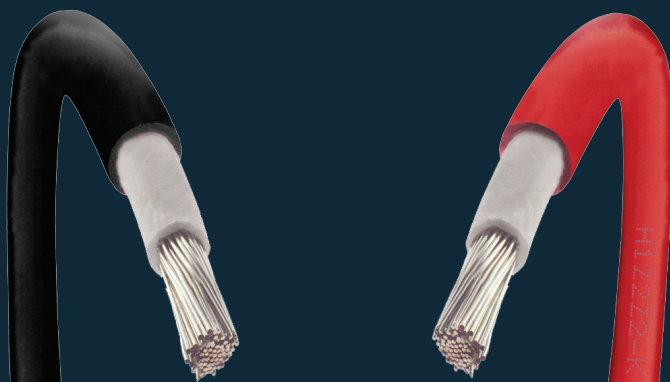


V-TAC

Meaningful Innovation.

PV CABLES

PV cables, also known as solar cables or photovoltaic cables, are electrical cables specifically designed for use in solar power systems. These cables are used to connect solar panels to other components within the system, such as inverters, charge controllers, and batteries.



50M ROLL



100M ROLL



500M ROLL



	50M ROLL	100M ROLL	500M ROLL
4mm ² Red	SKU : 11821	SKU : 11418	SKU : 11807
4mm ² Black	SKU : 11822	SKU : 11414	SKU : 11805
6mm ² Red	SKU : 11829	SKU : 11419	SKU : 11808
6mm ² Black	SKU : 11830	SKU : 11415	SKU : 11806

CABLE CONSTRUCTION

	4mm ²	6mm ²
Conductor	Stranded tinned copper	Stranded Tinned Copper
Size	4mm ²	6mm ²
Stranding	56/0.285±0.01mm	84/0.285±0.01mm
Diameter	2.4mm	3.0mm
Primary Insulation	XLPE	XLPE
Minimum Average Thickness	0.7mm	0.7mm
Color	White	White
Secondary Insulation	XLPE	XLPE
Minimum Average Thickness	0.8mm	0.8mm
Outer Diameter	5.5±0.15mm	6.1±0.2mm

ELECTRICAL CHARACTERISTICS

	4mm ²	6mm ²
Voltage Rating-EN 50618/IEC 62930	AC: 1000V; DC: Max.1500V	AC: 1000/1000V; DC: Max.1500V
Ambient Temperature	-40°C up to 90°C	-40°C up to 90°C
Insulation Resistance At 20	≥ 709 MΩ.km	≥ 610 MΩ.km
Current Carrying Capacity At 30	57A	72A
Spark Test	10000 VAC	10000 VAC
Voltage Withstand	6500 VAC	6500 VAC
Conductor Resistance At 20	≤5.09 Ω/km	≤3.39 Ω/km

OTHER CHARACTERISTICS

	4mm ²	6mm ²
Dynamic	≥ 5 X O.D.	≥ 5 X O.D.
Static	≥ 4 X O.D.	≥ 4 X O.D.
Ozone Resistant	IEC 60811-403	IEC 60811-403
Low Smoke Emission	IEC 61034-2,light transmittance ≥ 60%	IEC 61034-2,light transmittance ≥ 60%
Weathering/UV Resistance	IEC 62930 Annex E	IEC 62930 Annex E
Halogen Free	IEC 62821-1 Annex B	IEC 62821-1 Annex B
Flame Retardant	IEC 60332-1-2	IEC 60332-1-2

DESCRIPTIONS

H1Z2Z2-K/62930 IEC 131 4.0mm²
Tinned Copper Non-Halogen EN
1500V

H1Z2Z2-K/62930 IEC 131 6.0mm²
Tinned Copper Non-Halogen EN
1500V

STANDARDS

IEC 60228, IEC 60332 -1-2, IEC 60754, IEC 60811 -2-1, IEC 61034, IEC 61215
EN 50618 File No.:R50302047 - IEC 62930 File No.:R50413678 - ROHS 2011/65/EU