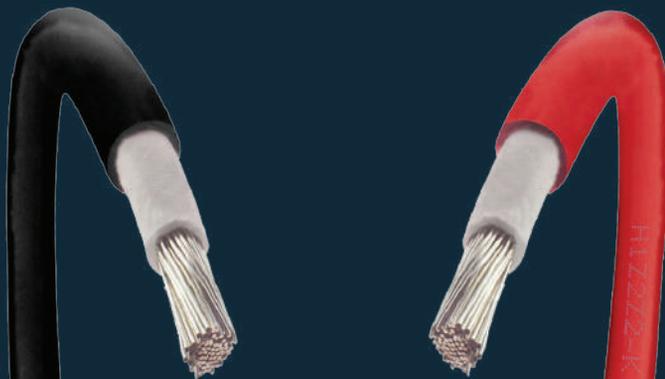


V-TAC

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

Conductor

Size

Stranding

Diameter

Primary Insulation

Minimum Average Thickness

Color

Secondary Insulation

Minimum Average Thickness

Outer Diameter

4mm²

Stranded tinned copper

4mm²

56/0.285±0.01mm

2.4mm

XLPE

0.7mm

White

XLPE

0.8mm

5.5±0.15mm

6mm²

Stranded Tinned Copper

6mm²

84/0.285±0.01mm

3.0mm

XLPE

0.7mm

White

XLPE

0.8mm

6.1±0.2mm

ELECTRICAL CHARACTERISTICS

Voltage Rating-EN 50618/IEC 62930

Ambient Temperature

Insulation Resistance At 20

Current Carrying Capacity At 30

Spark Test

Voltage Withstand

Conductor Resistance At 20

AC: 1000V; DC: Max.1500V

-40°C up to 90°C

≥ 709 MΩ.km

57A

10000 VAC

6500 VAC

≤5.09 Ω/km

AC: 1000/1000V; DC: Max.1500V

-40°C up to 90°C

≥ 610 MΩ.km

72A

10000 VAC

6500 VAC

≤3.39 Ω/km

OTHER CHARACTERISTICS

Dynamic

Static

Ozone Resistant

Low Smoke Emission

Weathering/UV Resistance

Halogen Free

Flame Retardant

≥ 5 X O.D.

≥ 4 X O.D.

IEC 60811-403

IEC 61034-2,light transmittance ≥ 60%

IEC 62930 Annex E

IEC 62821-1 Annex B

IEC 60332-1-2

≥ 5 X O.D.

≥ 4 X O.D.

IEC 60811-403

IEC 61034-2,light transmittance ≥ 60%

IEC 62930 Annex E

IEC 62821-1 Annex B

IEC 60332-1-2

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

DESCRIPTIONS

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