

SOLAR PV 1500V DC String Cable - Twin Core

PART NUMBER: RC2C4-xxx



DESCRIPTION

Non-Halogen Twin Core for 1500V DC Photovoltaic Power System Class 5 TC Stranding Low Smoke Density.

STANDARDS

62930 IEC 131, IEC 60332-1-2, IEC 60754, IEC 60811, IEC 61034, IEC 60228, ROHS 2011/65/EU

CABLE CONSTRUCTION

Conductor	Stranded Tinned Copper
Size	4mm ²
Stranding	52/0.30
Diameter	2.45mm
Insulation	XLPE
Minimum Average Thickness	0.7mm
Color	Black-Red
Jacket	XLPE
Minimum Average Thickness	0.8mm
Color	Black
Diameter	5.5 ±0.15mm*11.2±0.3mm

This datasheet may be subject to change without notification.

ELECTRICAL CHARACTERISTICS (at +20°C)

Voltage Rating	AC:1000V; DC:Max.1500V
Insulation Resistance at 20 °C	≥ 709 MΩ km
Voltage Withstand	6500 VAC
Conductor DC Resistance	≤ 5.09 Ω/km
Maximum Current at 20 °C	55A

OTHER CHARACTERISTICS

Bending Radius	
Dynamic	≥ 8 X OD
Static	≥ 5 X OD
Flammability	IEC 60332-1-2
Working Temperature	-40 ~ +90°C
Cable Light Transmittance	≥ 60%

MARKING

(+) RALOS SOLAR CABLE 1500V DC 2 X 4mm² ▲ 62930 IEC 131 HALOGEN FREE LOW SMOKE FOR DC USE ONLY – DO NOT DISCONNECT UNDER LOAD - 120°C R50545480

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PACKING

- xxx	-100 (100m Drum)	80 Drums / Pallet
	-500 (500m Drum)	12 Drums / Pallet