

# SDCT485 Solar Cable 2x4.0mm 4.85

## ORITRON

Distributed by SKANDIA  
131 Wedgewood road  
Hallam 1300 788 466

### Revision History

Part NO: AZ-167-2	Price NO:
Prepared by: CXY	Date: 2019/4/24
Approved by:	Page: 1 of 1

**Product Code: SDCT485**

### Product Description

#### Application:

Solar Cable

#### Reference Standard

Customer's sample spec. and the general standard

#### Multi-construction

Shotgun

### Cable Construction

<b>1. Conductor</b>	<b>Tinned Copper</b>
Construction	T0.295±0.008x52
Stranded Dia.(mm)	2.46
<b>2. Insulation</b>	<b>XL-LSZH(125°C)</b>
Nom Thickness(mm)	0.60
Insulation Dia.(mm)	3.65±0.10
Insulation color	Red; <b>Black</b>
<b>3. Jacket</b>	<b>XL-LSZH(125°C)</b>
Nom Thickness(mm)	0.60
Dia.(mm)	4.85±0.20×2
Jacket Color	Black

#### Marking(inkjet white, one per meter Spray one of them)

DDMMYY ORITRON DC LV SOLAR 4mm 125°C XL-LSZH – CAUTION DO NOT DISCONNECT UNDERLOAD  
PV1-F 100m.....001m  
DDMMYY=Production date

#### Marking(inkjet white, one per meter Spray the other one)

DDMMYY ORITRON DC LV SOLAR 4mm 125°C XL-LSZH – CAUTION DO NOT DISCONNECT UNDERLOAD  
PV1-F  
DDMMYY=Production date

#### PACKAGING

100M/Plastic Reel

#### Label

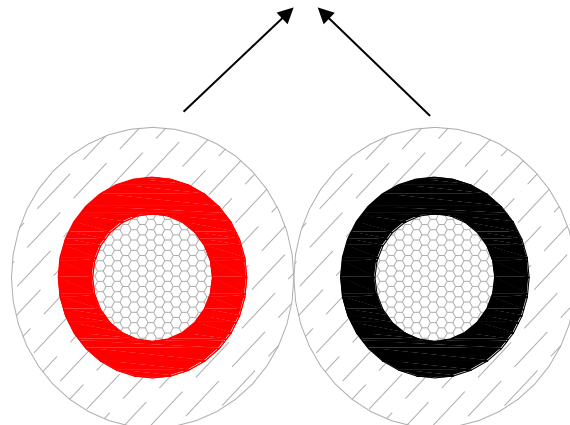
ORITRON DC LV SOLAR 2×4mm<sup>2</sup> XL-LSZH BLACK  
RoHS(2002/95/EC)  
100M



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## Design

SAME MARKINGS ON BOTH CABLES



### Electrical Characteristics

Max. Conductor DC Resistance at 20°C (Ω/Km)	<5.24
Rated Temperature(°C)	125
Rated Voltage(V)	600/1000
Test Voltage(V)	4000
DC Voltage rating (Conductor-Conductor)	1.8KV
20°C Insulation Resistance(MΩ.KM)	>200
Fire performance: IEC 60332-1; UL 1581	VW-1
Bending radius	≥5 x cable diameter

**Advantages:**  
UV-resistant  
High temperature-resistant; Flame retardant  
Oil resistant and water proof  
Abrasion resistant

