

SDC485 Solar Cable 1x4.0mm 4.85

ORITRON

Distributed by SKANDIA
131 Wedgewood road
Hallam 1300 788 466

Revision History

Part NO: AZ-165-2	Price NO:
Prepared by: CXY	Date: 2019/4/16
Approved by:	Page: 1 of 1

Product Code: SDC485

Product Description

Application:

Solar Cable

Reference Standard

Customer's sample spec.and the general standard

Multi-construction

1

Cable Construction

1.Conductor Tinned Copper

Construction T0.295±0.008x52

Stranded Dia.(mm) 2.46

2.Insulation XL-LSZH(125°C)

Nom Thickness (mm) 0.60

Insulation Dia.(mm) 3.65±0.10

Insulation color **Natural**

3.Jacket XL-LSZH(125°C)

Nom Thickness (mm) 0.60

Dia.(mm) 4.85±0.20

Jacket Color **Black**

Marking(ink white,one per meter)

DDMMYY ORITRON DC LV SOLAR 4mm 125°C XL-LSZH – CAUTION DO NOT DISCONNECT UNDERLOAD

PV1-F 100M.....001M

DDMMYY=Production date

PACKAGING

100M Plastic Reel

Label

ORITRON DC LV SOLAR 1x4mm² XL-LSZH BLACK

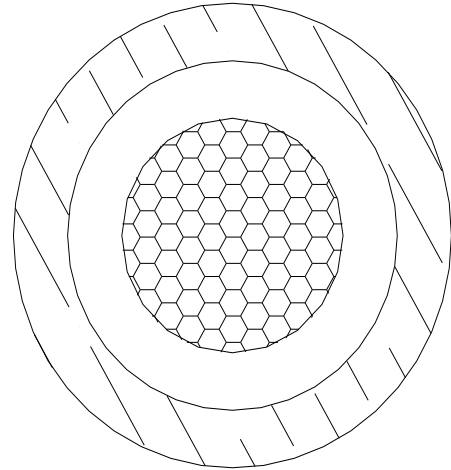
RoHS(2002/95/EC)

100M



9 325851 000315

Design



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
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

