

DESCRIPTIONSPV1-F 4mm² Tinned Copper Non-Halogen TÜV 1000V**STANDARDS**

IEC 60228, IEC 60332 -1-2, IEC 60754, IEC 60811 -2-1, IEC 61034, IEC 61215
TÜV 2PFG 1169 File No.:T 50451615
ROHS 2011/65/EU

CABLE CONSTRUCTION

Conductor	Stranded tinned copper
Size	4mm ²
Stranding	56/0.285±0.01mm
Diameter	2.4mm
Primary Insulation	XLPE
Color	Black、Red
Secondary Insulation	XLPE
Color	Black (red bar)
Outer Diameter	4.60×9.50±0.30mm

ELECTRICAL CHARACTERISTICS

Voltage Rating	
TÜV 2PFG 1169	AC: 1000V; DC: Max.1800V
Ambient Temperature	-40°C up to 90°C
Insulation Resistance At 20°C	≥ 1000 MΩ.km
Current carrying capacity AT 60°C	55A
Spark test	10000 VAC
Voltage Withstand	6500 VAC
Conductor Resistance AT 20°C	≤ 5.09 Ω/km

OTHER CHARACTERISTICS

Bending Radius	
Dynamic	≥ 5 X O.D.
Static	≥ 4 X O.D.
Ozone resistant	EN60811-403 Method A;EN 50396 8.1.3 Method B
Weathering/UL resistance	EN50289-4-17
Halogen free	IEC 60754-1
Flame retardant	IEC 60332-1-2

PRINT LEGEND

KIBOR CABLE ▲ TÜV 2PFG 1169 PV1-F 2×4mm² 1.0/1.8KVDC FOR DC USE ONLY — DO NOT DISCONNECT UNDER LOAD — 120°C SOLAR DC CABLE T50451615 Lot No. Meter Code

PACKAGING

- 100m/Roll
- Consulting if delivering in other ways.

Signature:

Date:

25 YEARS WARRANTY LETTER

We, Ningbo Kibor Wire & Cable Co., Ltd guarantees that our solar DC cables have a period of 25 years from the date of the original order. If any cables prove to be defective in workmanship or material quality after the examination. Within the warranty period, we will repair or replace at our option.

Notice that the implied warranties of merchantability and fitness for a particular purpose will last only one year from the date of order.

Signature:

宁波开博线缆有限公司
NINGBO KIBOR WIRE&CABLE CO,LTD

Date: 2020

Peter Yang
杨洋