

DESCRIPTIONSPV1-F 6mm² 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	6mm ²
Stranding	78/0.295±0.01mm
Diameter	3.0mm
Primary Insulation	XLPE
Color	Black、Red
Secondary Insulation	XLPE
Color	Black (red bar)
Outer Diameter	5.4×11.1±0.3mm


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	70A
Spark test	10000 VAC
Voltage Withstand	6500 VAC
Conductor Resistance AT 20°C	≤ 3.39 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 2×6mm² 1.0/1.8KVDC FOR DC USE ONLY — DO NOT DISCONNECT UNDER LOAD — 120°C SOLAR DC CABLE T50451615 Lot No. Meter Code

PACKAGING

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

Signature:
Date: