

DESCRIPTIONS

H1Z2Z2-K/62930 IEC 131 2×6.0mm² Tinned Copper Non-Halogen EN1500V

STANDARDS

IEC 60228, IEC 60332-1-2, IEC 60754, IEC 60811-2-1, IEC 61034, IEC 61215

EN 50618 File No.:J50419123

IEC 62930 File No.:R50413678

ROHS 2011/65/EU

CABLE CONSTRUCTION



Conductor	Stranded Tinned Copper
Size	6mm ²
Stranding	84/0.285±0.01mm
Diameter	3.0mm
Primary Insulation	XLPE
Color	White、White
Secondary Insulation	XLPE
Color	Black (red bar)
Outer Diameter	6.10±0.2×12.50±0.40mm

ELECTRICAL CHARACTERISTICS

Voltage Rating	
EN50618 & IEC62930	AC: 1.0/1.0kV; DC: Max.1.5kV
Ambient Temperature	-40°C up to 90°C
Insulation Resistance At 20°C	≥ 610 MΩ.km
Current Carrying Capacity At 30°C	72A
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	IEC 60811-403
Low Smoke Emission	IEC 61034-2,light transmittance ≥ 60%
Weathering/UV Resistance	IEC 62930 Annex E
Halogen Free	IEC 62821-1 Annex B
Flame Retardant	IEC 60332-1-2

PRINT LEGEND

KIBOR CABLE ▲ TÜV H1Z2Z2-K 62930 IEC 131 2×6.0mm² DC 1500V FOR DC USE ONLY — DO NOT DISCONNECT UNDER LOAD — 120°C SOLAR DC CABLE NINGBO KIBOR WIRE & CABLE CO., LTD EN Certificate No. J50419123 IEC Certificate No. R50413678 Lot No.xxxxxxxxxx Meter Code

PACKAGING

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

HISTORY

Sep 9,2020 First issue
Mar 30,2022 Adjust primary insulation color black,red to white,white
Feb 13,2023 Adjust Stranding,78/295±0.01mm to 84/285±0.01mm

Signature:
Date:

V0
V1
V2