

DESCRIPTIONS

H1Z2Z2-K/62930 IEC 131 10.0mm² Tinned Copper Non-Halogen EN 1500V

STANDARDS

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

EN 50618 File No.:R50302047

IEC 62930 File No.:R50413678

ROHS 2011/65/EU

CABLE CONSTRUCTION



Conductor	Stranded Tinned Copper
Size	10mm ²
Stranding	77/0.40±0.01mm
Diameter	4.1mm
Primary Insulation	XLPE
Minimum Average Thickness	0.7mm
Color	White
Secondary Insulation	XLPE
Minimum Average Thickness	0.8mm
Color	Red
Outer Diameter	7.4±0.2mm

ELECTRICAL CHARACTERISTICS

Voltage Rating	
EN 50618/IEC 62930	AC: 1000/1000V; DC: Max.1500V
Ambient Temperature	-40°C up to 90°C
Insulation Resistance At 20°C	≥ 489 MΩ.km
Current Carrying Capacity At 30°C	98A
Spark Test	10000 VAC
Voltage Withstand	6500 VAC
Conductor Resistance At 20°C	≤1.95 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 1x10.0mm²PV CABLE DC 1500V HALOGEN FREE LOW SMOKE  CPR-Dca-s2,d2,a2

PACKAGING

- a) 1000m/Drum
- b) Consulting if delivering in other ways.

HISTORY

May 14,2020 Optimized file,add "PV CABLE" in print legend
Aug 31, 2020 Optimized file,add "CPR-Dca" in print legend
Feb 13,2023 Adjust Stranding,132/295±0.01mm to 77/40±0.01mm
Update the Company Address

Signature:
Date:

V1
V2
V3
V4