

DESCRIPTIONS

H1Z2Z2-K/62930 IEC 131 4.0mm² 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	4mm ²
Stranding	56/0.285±0.01mm
Diameter	2.4mm
Primary Insulation	XLPE
Minimum Average Thickness	0.7mm
Color	White
Secondary Insulation	XLPE
Minimum Average Thickness	0.8mm
Color	Red
Outer Diameter	5.5±0.2mm

ELECTRICAL CHARACTERISTICS

Voltage Rating	AC: 1000/1000V; DC: Max.1500V
EN 50618/IEC 62930	
Ambient Temperature	-40°C up to 90°C
Insulation Resistance At 20°C	≥ 709 MΩ.km
Current Carrying Capacity At 30°C	57A
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	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 1x4.0mm² PV 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

Signature:
 Date

V1
 V2