

**DESCRIPTIONS**

H1Z2Z2-K/62930 IEC 131 4.0mm<sup>2</sup> 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	4mm <sup>2</sup>
Stranding	56/0.285±0.01mm
Diameter	2.4mm
Primary Insulation	XLPE
Color	Black、Red
Secondary Insulation	XLPE
Color	Black (red bar)
Outer Diameter	5.50±0.2×11.30±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		≥ 709 MΩ.km
Current carrying capacity AT 60°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 2×4.0mm<sup>2</sup> DC1500V 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/Roll
- b) Consulting if delivering in other ways.

**HISTORY**

SEP 9,2020 First issue

Signature: Date:
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