

## DESCRIPTIONS

H1Z2Z2-K/62930 IEC 131 6.0mm<sup>2</sup> 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	6mm <sup>2</sup>
Stranding	78/0.295 ±0.01mm
Diameter	3.0mm
Primary Insulation	XLPE
Minimum Average Thickness	0.7mm
Color	White
Secondary Insulation	XLPE
Minimum Average Thickness	0.8mm
Color	Red
Outer Diameter	6.1±0.15mm

## ELECTRICAL CHARACTERISTICS

Voltage Rating	EN 50618/IEC 62930	AC: 1000V; DC: Max.1500V
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/UL 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 1x6.0mm<sup>2</sup> DC 1500V HALOGEN FREE LOW SMOKE CE www.kiborcable.com

## PACKAGING

- a) 250m/Roll
- b) Consulting if delivering in other ways.

Signature:  
Date: