

DESCRIPTIONSH1Z2Z2-K 2.5mm² 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
 ROHS 2011/65/EU

CABLE CONSTRUCTION

Conductor	Stranded tinned copper
Size	2.5mm ²
Stranding	45/0.25±0.008mm
Diameter	1.9mm
Primary Insulation	XLPE
Minimum Average Thickness	0.7mm
Color	Black
Secondary Insulation	XLPE
Minimum Average Thickness	0.8mm
Color	Black
Outer Diameter	5.4±0.15mm

ELECTRICAL CHARACTERISTICS

Voltage Rating	
EN 50618	AC: 1000/1000V; DC: Max.1500V
Ambient Temperature	-40°C up to 90°C
Insulation Resistance At 20°C	≥ 690 MΩ.km
Current carrying capacity AT 60°C	41A
Spark test	10000 VAC
Voltage Withstand	6500 VAC
Conductor Resistance AT 20°C	≤ 8.21 Ω/km

OTHER CHARACTERISTICS

Bending Radius	
Dynamic	≥ 5 X O.D.
Static	≥ 4 X O.D.
Ozone resistant	EN60811-403 Method A;EN 50396 8.1.3 Method B
Low smoke emission	EN61034-2,light transmittance ≥ 60%
Weathering/UV resistance	EN50289-4-17
Halogen free	IEC 60754-1
Flame retardant	IEC 60332-1-2

PRINT LEGEND

△ TÜV H1Z2Z2-K 1×2.5mm² NINGBO KIBOR WIRE & CABLE CO.,LTD

PACKAGING

- a) 300m/Roll
 b) Consulting if delivering in other ways.