

DESCRIPTIONS

H1Z2Z2-K/62930 IEC 131 6.0mm² 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.:R50581550
 IEC 62930 File No.:R50581553
 ROHS 2011/65/EU

CABLE CONSTRUCTION



Conductor	Stranded Tinned Copper
Size	6mm ²
Stranding	84/0.285 ± 0.01mm
Diameter	3.0mm
Primary Insulation	XLPE
Minimum Average Thickness	0.7mm
Color	White
Secondary Insulation	XLPE
Minimum Average Thickness	0.8mm
Color	Black
Outer Diameter	6.1 ± 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	≥ 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/UV Resistance	IEC 62930 Annex E
Halogen Free	IEC 62821-1 Annex B
Flame Retardant	IEC 60332-1-2

PRINT LEGEND

SUNTRANS  TÜV H1Z2Z2-K 62930 IEC 131 1x6.0mm² PV CABLE DC 1500V HALOGEN FREE LOW SMOKE R50581550 R50581553 CPR-Cca- s1b,d2,a1

PACKAGING

- a) 500m/Drum
- b) Consulting if delivering in other ways.