

DESCRIPTION

Non-Halogen Cable for Photovoltaic Power System Class 5 TC Stranding Low Smoke Density .

CONSTRUCTION

(+) HORNOUR H1Z2Z2-K 2x6mm² SOLAR CABLE ▲ 1500V DC HALOGEN FREE LOW SMOKE FOR DC USE ONLY R50599591

(-) HORNOUR H1Z2Z2-K 2x6mm² SOLAR CABLE ▲ 1500V DC HALOGEN FREE LOW SMOKE FOR DC USE ONLY R50599591

Standard	EN50618 , R50599591
Conductor	Stranded Tinned Copper
Size	2*6mm ²
Stranding	78/0.302
Diameter	3.06mm
Insulation	XLPE
Minimum Average Thickness	0.7mm
Color	Black
Jacket	XLPE
Minimum Average Thickness	0.8mm
Color	Black with red stripe
Diameter	5.9±0.1x12.0±0.2mm

CHARACTERISTICS

Voltage Rating	DC:1500V AC:1000V
Insulation Resistance at 20 °C	≥610M Ω .km
Voltage Withstand	6500 VAC
Spark test	10000 VAC
Conductor DC Resistance	≤3.39 Ω /km
Max.current at 60°C	70A

PHYSICAL PROPERTIES

	Inner Layer	Outer Layer
Elongation	≥125%	≥125%
Strength	≥8Mpa	≥8Mpa
Ambient Temperature	-40°C to +90°C	
Max. Temperature at conductor	120°C	
Bending Radius	≥3 OD	
Cable Light Transmittance	≥ 60%	
Flame Test	EN 60332-1-2	

Marking

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Packing

(a) 100m/drum , 64 Drums / Pallet

(b) 500m/drum , 12 Drums / Pallet

(c) 1000m/drum , 4Drums / Pallet

(d) Consulting if delivering in other ways