

H1Z2Z2-K 1x25 CL-5 RM 1kV(AC)/1.5kV(DC), Culoare manta: Negru 9011



Description

Solar cable H1Z2Z2-K is TUV certified, with max. permissible tension DC 1.8 kV, is used in solar energy production applications. It is usually installed outdoor, in the air, on cable trays, ducts or direct burried. With UV resistant outersheath the cable can be posed in direct sunlight, but it is recommended to be protected in order to ensure a service life of 25 years or longer. The cable reation to fire has been tested according to CPR regulation and has received the category Cca-s2,d2,a1. Also, the cable has water resitance for permanent immersion AD8 as per NF C15-100.

Standards

EN 50618
IEC 60332-1-2
IEC 61034-2
IEC 60228
EN 50525-1
EN 50339
EN50575
EN 50618

Construction

Conductor: Tinned fine copper strands Class 5
Insulation: Cross-linked Halogen Free compound
Sheath: Cross-linked Halogen Free compound

Specificații

Tip cablu	Single Core
Diametrul total al cablului	11.2 mm
Greutate cablu	299 kg/km
Toleranță diametru și greutate	±5%
Material conductor	Copper
Număr conductoare	1
Secțiune transversală a conductorului	25 mm ²
Greutate conductor	207.6 kg/km
Clasă conductor	CL-5
Tip conductor	RM
Material izolație	XLPE
Material manta	XLPE
Tensiune nominală AC/DC (U _o /U)	1kV(AC)/1.5kV(DC)
Rezistența conductorului în curent continuu la 20°C	0.795 Ω/km
Capacitate de transport al curentului (instalare în aer la o temperatură ambiantă de 60°C)	176 A
Temperatura maximă admisibilă de funcționare	90 °C
Temperatura de lucru	-40 >< +90 °C
Temperatura de scurtcircuit	250 °C
Raza minimă de curbura (la instalare)	5xD
Raza minimă de curbura (în funcțiune)	5xD
Ambalare	Tambur de lemn, Tambur din placaj, Colac, Rolă
Lungimi livrate	To be confirmed by offer
Toleranță lungimi livrate	±5%