H1Z2Z2-K

# 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 ussually 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

The above design is only a sample of the options available, for reference purposes only. Our policy of continuous improvement may result in a change of specifications without notice. If any discrepancies might be between the data sheet values and standards, we reserve the rights to make technical changes. Our company will not be held responsible, as all or any of pictures, drawings, weights and dimensions details or other elements in this document are only indicative and must not be considered contractual. Contact our sales team for other specifications or custom made products.

# CABLURI SI CONDUCTOARE DE ENERGIE



### H1Z2Z2-K

# 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 <sup>2</sup>
Greutate conductor	207.6 kg/km
Clasă conductor	CL-5
Tip conductor	RM
Material izolație	XLPE
Material manta	XLPE
Tensiune nominală AC/DC (Uo/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 curbură (la instalare)	5xD
Raza minimă de curbură (în funcțiune)	5xD
Ambalare	Tambur de lemn, Tambur din placaj, Colac, Rolă
Lungimi livrate	To be confirmed by offer
Toleranță lungimi livrate	±5%

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