



K-SOLAR H1Z2Z2-K

Description : Harmonized flexible solar cable for photovoltaic installations 0,6/1KV, UV resistant.

Design:



Construction : Flexible tinned copper conductors according to CEI 20-29 Class 5, DIN-VDE 0295 K5 and IEC 60228 Cl.5
Cross-linked HEPR 120°C according to EN 50618 - White color
Cross-linked polyolefin rubber 120°C according to EN 50618 - Black or Red colour

Manufacturing's Controls: Test and Control according to our certificated **ISO 9001-2015 CSQ-IMQ** (EQ-NET) Quality System procedure.
Labor tests reports are stored in our internal Q.C. laboratory archive together with the production reports

Norms : According EN 50618 Electric cables for photovoltaic systems
Flame-retardant according to IEC 60332-1-2 (flame spread on a single cable)
Halogen-free according to IEC 60754-1 (amount of halogen acid gas)
Corrosiveness of combustion gases according to IEC 60754-2 (degree of acidity)
Low smoke density according to IEC 61034-2
The cable is conform to Low Voltage Directive (LVD) 2014/35/EU CE

Technical dates :

- Rated voltage : DC: 1,5/1,5 kV
AC: 1,0/1,0 kV
- Max permissible operating voltage DC: 1,8/1,8 kV
AC: 1,2/1,2 kV
- Spark Test voltage : 6.500 V
- Max working ambient temperature: -40° to +90°C
- Max temperature on the conductor -40° to +120°C
- Minimum bending radius For permanent approx. 5 x Ø

Use : This cable can be used for photo-voltaic systems. It's guaranteed for 25 years use and it's suitable as: For the cabling between the solar modules and as an extension cable between the individual module strings or DC/AC inverter. Gable and flat roof photovoltaic systems. Photovoltaic plants and solar parks. For the cabling of flexible or building- integrated photovoltaic systems