

Cables 1.5/1.5 kVdc

H1Z2Z2-K Solar.226



Description

These cables are indicated for photovoltaic solar installations, mainly in the direct current part of the installation.

Due to its characteristics and compliance with strict tests during its manufacture, it is a cable suitable for permanent outdoor use, under variable and demanding climatic conditions.

Standards of reference: UNE-EN 50618

Applications

Low voltage generating installations.

Photovoltaic solar installations, mainly in the direct current part.

Technical Characteristics

1. Conductor	Flexible tinned electrolytic copper (Class V) according to UNE-EN 60228, EN 60228 and IEC 60228
2. Insulation	Halogen-free cross-linked compound according to table B.1 of standard UNE-EN 50618
3. Sheath	Halogen-free cross-linked compound according to table B.1 of standard UNE-EN 50618
Nominal voltage	1,5/1,5 kVdc
Test voltage	6.500 V AC
Maximum temperature	90 °C in permanent regime and 120 °C on a one-off basis.
Colours	Cover colour black or red
No flame spread	According to UNE-EN 60332-1-2, EN 60332-1-2 and IEC 60332-1-2
Smoke emission	Low smoke emission according to UNE-EN 61034-2, EN 61034-2 and IEC 61034-2. Light transmittance > 60%.
Halogen assessment	Halogen-free according to UNE-EN 60754-1, EN 60754-1 and IEC 60754-1
UV resistance	Resistance to ultraviolet rays according to UNE-EN 50618 and EN 50618
Ozone resistance	Ozone resistant according to UNE-EN 50618 and EN 50618
Other features	Resistance to acid and alkaline solutions



Dimensions

Section (mm ²)	Resistance at 20°C (Ohm/km)	External Diameter (mm)	Weight (kg/km)	Class
1x4	5,09	5,6	58	Eca
1x6	3,39	6,15	79	Eca
1x10	1,95	7,21	120	Eca

