



Becatech

Interconnective Power



Solar cable (H1Z2Z2-K)

Cable Structure :

Conductor: flexible electrolytic annealed tinned copper according to IEC 60228 (class 5).
Insulation: halogen free cross-linked rubber according to table B1 in Annex B of EN 50618 and IEC 62930.
Outer sheath: halogen free cross-linked rubber according to table B1 in Annex B of EN 50618 and IEC 62930. (red or black color)
Braid: galvanized iron braid.

Technical Specification :

Rated temperature: -40°C to 90°C.

Rated bending radius:

- $\varnothing \leq 8\text{mm}$: 4 x \varnothing .
- $8 < \varnothing \leq 12\text{mm}$: 5 x \varnothing .
- $\varnothing > 12\text{mm}$: 6 x \varnothing .

Fire behaviour:

- Flame non-propagation according to IEC 60332-1-2.
- Fire non-propagation according to EN 50399.
- Reaction to fire CPR: Cca-s1b, d2, a1.
- Low smoke halogen free according to IEC 60754-1.
- Low corrosive gases emission according to IEC 60754-2.
- Low smoke emission according to IEC 61034.
- Light transmittance > 60%.

Application :

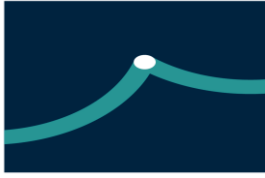
Is suitable for both fixed and mobile solar installations (solar farms, rooftop solar installations and floating plants).

Suitable for wet, damp and humid locations.

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Core x mm ²	Under Braid mm	Overall Diameter mm	Weight (kg/km)
1x4	5.4	6.2	90
1x6	6.0	6.8	110
1x10	7.0	7.8	160

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