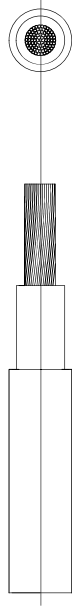


# TOPSOLAR® PV H1ZZZ2-K

TÜV solar PV cable.

BASED ON: EN 50618 / IEC 62930 / UTE C32-502

## DESIGN



### Conductor

Class 5 (flexible) tinned copper, based on EN 60228 and IEC 60228.

### Insulation

Low smoke zero halogen (LSZH) cross-linked rubber insulation.

### Outer sheath

Low smoke zero halogen (LSZH) cross-linked rubber outer sheath, red or black colour.














## APPLICATIONS

The **Topsolar® PV H1ZZZ2-K** cable, which is TÜV certified according to IEC 62930 and EN 50618, is suitable for both fixed and mobile solar installations (solar farms, rooftop solar installations and floating plants).

It is a highly flexible cable compatible with all major connectors and especially designed for the connection of photovoltaic panels. This versatile single-conductor cable is designed to meet the varying needs of the solar industry. Suitable for wet, damp and humid locations.



## FEATURES

-  **Electrical performance**  
Low voltage 15/1,5 kV (1.8) kV DC.
-  **Based on**  
EN 50618 / IEC 62930 / UTE C32-502.
-  **Standards and approvals**  
TÜV / RETIE / CE / RoHS.
-  **CPR (Construction Products Regulation)**  
C<sub>0</sub>-s1b, d2, at.
-  **Thermal performance**  
Maximum service temperature: 120°C.  
Maximum short-circuit temperature: 250°C (max. 5 s).  
Minimum service temperature: -40°C (fixed and protected installations).
-  **Fire performance**  
Flame non-propagation based on EN 60332-1 and IEC 60332-1.  
Reaction to fire CPR: C<sub>0</sub>-s1b, d2, at, according to EN 50575.  
LSZH (Low Smoke Zero Halogen) based on UNE-EN 60754-1 and IEC 60754-1.  
Low smoke emission based on EN 61034 and IEC 61034; Light transmittance > 60%.  
Low corrosive gases emission based on UNE-EN 60754-2 and IEC 60754-2.
-  **Mechanical performance**  
Minimum bending radius: x3 cable diameter.  
Impact resistance: AG2 Medium severity.
-  **Chemical performance**  
Chemical & Oil resistance: Excellent.  
Grease & mineral oils resistance: Excellent.  
**UV** UV Resistant based on EN 50618.  
**O<sub>3</sub>** Ozone resistant based on EN 50618.
-  **Water performance**  
Water presence: AD8 submerged.
-  **Other**  
Meter by meter marking.  
Estimated lifetime 30 years based on UNE-EN 60216-2.  
 Optional: rodent proof and termite proof.
-  **Installation conditions**  
Open Air.  
Buried.
-  **Packaging**  
Available in rolls (lengths of 100 m) and reels.

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