

High-grade steel armoured solar cable

Product Description

Stainless high-grade (class V4A) steel wire braiding protects very effectively against martens, rodents and even termites; Robust against mechanical impact; Reduction of flame propagation as well as of toxic combustion gases in the event of fire



Application range

- For the use in PV systems for instance on stable and barn roofs in densely forested areas and farmsteads
- Gable and flat roof photovoltaic systems
- Photovoltaic resp. solar fields

Benefits

- Stainless high-grade (class V4A) steel wire braiding protects very effectively against martens, rodents and even termites
- Robust against mechanical impact
- Reduction of flame propagation as well as of toxic combustion gases in the event of fire

Design

- Conductor: Fine wired tinned copper strands
- Core insulation: Cross-linked polymer
- Outer sheath: special polymer
- Outer sheath colour: Black
- Armouring: high-grade stainless steel wire braiding (V4A)

Approvals (Norm references)

- Flame retardant according to IEC 60332-1-2
- Halogen-free according to EN 50267-2-1/-2
- Weather-/UV resistant according to HD 605/A1

Product features



- Weathering-, abrasion and UV resistant
- Halogen-free and flame retardant
- Good heat pressure resistance

Technical Data

Core identification code

Black

Conductor stranding

Fine wire in accordance to VDE 0295 Class 5 / IEC 60228 Class 5

Minimum bending radius

Fixed installation: 5 x cable diameter

Rated voltage

AC U0/U : 600/1000 V DC U0/U : 900/1500 V Max.
permissible operating voltage: DC 1800 V

Test voltage

AC 6500 V

Range of temperature

Fixed installation: -40° C up to +100 °C

Article List

Part number	Conductor cross section in mm ²	Outer diameter in mm	Copper index kg/km	Weight kg/km
ÖLFLEX® SOLAR V4A stainless steel				
0025960	4	7.0	38.4	98
0025961	6	8.0	57.6	158

Footnote:

All product related values as shown are nominal values unless specified differently. Further values, e.g. tolerances we submit on request - if available and released for publication.

Copper price basis: EUR 150 / 100 kg; For utilization and definition of 'Metal price basis' and 'Metal index' see Appendix T17

Please find our standard lengths at: www.lappkabel.de/en/cable-standardlengths

Packaging size: Coil 100 m; Drum (500; 1000) m

Photographs are not to scale and do not represent detailed images of the respective products.