ÖLFLEX® SOLAR V4A

Extra robust solar cables with high-grade steel protection braiding

High-grade stainless steel wire braiding (class V4A) provides highly effective protection against martens, rodents and even termites; Robust against mechanical impacts; Reduction of flame propagation and of toxic combustion gases in the event of fire

CE RoHS

Product description

Application range

- For use in PV systems that are installed on the roofs of stables or barns situated in farmsteads or densely-forested areas
- Gable and flat roof photovoltaic systems
- Photovoltaic plants and solar parks

Benefits

- High-grade stainless steel wire braiding (class V4A) provides highly effective protection against martens, rodents and even termites
- Robust against mechanical impacts
- Reduction of flame propagation and of toxic combustion gases in the event of fire

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Product Make-up

- Fine-wire, tinned-copper conductor
- Core insulation made of electron beam cross-linked copolymer
- Outer sheath made of electron beam cross-linked copolymer
- Outer sheath colour: black
- Armouring made of stainless V4A high-grade steel wire braiding

Product features

- Weather/UV-resistant acc. to HD 605/A1
- Halogen-free and flame-retardant
- Good mechanical strength

Technical Data

Core identification code	Black
Classification	ETIM 5.0 Class-ID: EC001578 ETIM 5.0 Class-Description: Flexible cable
Conductor stranding	Fine wire according to VDE 0295, class 5/IEC 60228 class 5
Minimum bending radius	Fixed installation: 5 x outer diameter
Nominal voltage	AC U_0/U : 600/1000 V DC U_0/U : 900/1500 V Max. permissible operating voltage: DC 1,8 kV (Conductor-conductor, non earthed system)
Test voltage	AC 6500 V
Temperature range	Fixed installation: -40°C to +100°C max. conductor temperature