ÖLFLEX® SOLAR XLS-R T

Electron beam cross-linked solar twin-cables - separable

Easy to split into two separate cables; Reduced outer diameters enable space and weight saving installation; Robust against mechanical impacts; Reduction of flame propagation and of toxic combustion gases in the event of fire; Exact quantity control during installation by meter marking on the cable sheath

- Optimised cable design -thin, light and robust
- Time-saving installation
- Ideal for stand-alone PV power systems

CE RoHS

Product description

Application range

- Ideal for stand-alone PV power systems
- Gable and flat roof photovoltaic systems
- Photovoltaic plants and solar parks
- Flexible or building-integrated PV systems

Benefits

- Easy to split into two separate cables
- Reduced outer diameters enable space and weight saving installation
- Robust against mechanical impacts
- Reduction of flame propagation and of toxic combustion gases in the event of fire

- Exact quantity control during installation by meter marking on the cable sheath

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
- Cores connected in parallel with a separating strip

Norm references / Approvals

- Also available as TÜV PV1-F approved version upon request

Product features

- Weather/UV-resistant acc. to HD 605/A1
- Ozone-resistant according to EN 50396
- Halogen-free and flame-retardant
- Good notch and abrasion resistance
- XLS-R T= X-Linked Standard-Reduced Twin
  Proven electron beam cross-linked quality

Technical Data

Core identification code	black / red blue / red
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: 4 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