



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















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

ÖLFLEX® SOLAR XLS-R T



• 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

Test voltage

Core identification code black / 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)

AC 6500 V

Temperature range Fixed installation: -40°C to +100°C max. conductor

temperature