

ÖLFLEX® SOLAR XLS-R T

Electron beam cross-linked solar twin-cables - separable

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Info

Optimised cable design -

thin, light and robust

Time-saving installation

Ideal for stand-alone PV power systems



Solar Energy



Suitable for outdoor use



Halogen-free



Cold-resistant



Assembly time



Temperature-resistant



UV-resistant

Benefits

Twin cable with combined outgoing and return conductor simplifies system planning and saves time during installation

High flexibility thanks to simple separation of the twin cable along the separator into two individual cables

Last Update (22.10.2024)

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Product Management www.lappkabel.de

You can find the current technical data in the corresponding data sheet.

PN 0456 / 02_03.16

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Halogen-free core insulation and sheath mixture for compliance with special fire protection requirements
 Cross-linked insulation and sheath materials promote durability at high temperatures or high current loads, ensure high dielectric strength and a high short-circuit temperature
 Saves space and weight thanks to small outer diameters

Application range

For the unprotected connection of solar modules and inverters in earthed and unearthed photovoltaic systems in accordance with IEC 60364-5-52

For connecting solar modules to each other

For fixed installation and occasional movement

Underground installation in protective conduits only in case of waterlogging

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

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

Technical Data

| | |
|---------------------------|--|
| Classification ETIM 5: | ETIM 5.0 Class-ID: EC001578 ETIM 5.0 Class-Description: Flexible cable |
| Core identification code: | black / red |
| 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 |

Note

Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request.

Copper price basis: EUR 150/100 kg. Refer to catalogue appendix T17 for the definition and calculation of copper-related surcharges.

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

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

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

Prices are net prices without VAT and surcharges. Sale to business customers only.

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| Article number | Number of cores and mm ² per conductor | Outer dimensions, width x height (mm) | Copper index (kg/km) | Weight (kg/km) |
|----------------|---|---------------------------------------|----------------------|----------------|
| 0023984 | 2 X 4 | 10.7 x 5.2 | 76.8 | 128 |
| 0023986 | 2 X 6 | 11.9 x 5.8 | 115.2 | 174 |

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