

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



UV-resistant

Benefits

Easy to split into two separate cables

Reduced outer diameters enable space and weight saving installation

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

Application range

Ideal for stand-alone PV power systems

Flexible or building-integrated PV systems

Last Update (24.04.2024)

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Product Management www.lappkabel.de

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

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ÖLFLEX® SOLAR XLS-R T

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 blue / 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)
0023986	2 X 6	11.9 x 5.8	115.2	174