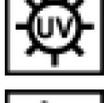


U.I. Lapp GmbH	PRODUCT INFORMATION	
	ÖLFLEX® TRAF0 XLV 1.8/3 kV	07.11.2014

Flexible and mechanically robust single-core connection cables
 Reinforced outer sheath gives enhanced protection against mechanical stress
 Wide temperature range for applications in harsh climatic environments
 Reduction of flame propagation and of toxic combustion gases in the event of fire
 For outdoor use, and if the general installation guidelines are followed, this is also suitable for direct burial
 Flexible and fine-wired conductor design enables easy on-site installation



-  Suitable for outdoor use
-  Halogen-free
-  Cold-resistant
-  Mechanical resistance
-  Solar Energy
-  Torsion-resistant
-  UV-resistant
-  Wind Energy

Info

Voltage rating 1.8/3 kV
 Suitable for direct burial
 Halogen-free and flame-retardant

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U.I. Lapp GmbH	PRODUCT INFORMATION	
	ÖLFLEX® TRAFO XLv 1.8/3 kV	07.11.2014

Application range

Required rated voltage 1.8/3 kV
 In the field of renewable energy and conventional power generation
 Photovoltaic plants and solar parks
 Drip-loop installation in wind turbines
 As connection between the converter and the transformer substation

Product Make-up

Fine-wire, tinned-copper conductor
 Core insulation made of cross-linked polyolefin
 Outer sheath made of cross-linked copolymer
 Core insulation and outer sheath are extruded together
 Outer sheath colour: black

Product features

Weather/UV-resistant acc. to HD 605/A1
 Ozone-resistant according to EN 50396
 Halogen-free and flame-retardant
 Suitable for direct burial according to UL 1277
 Torsion-tested for wind turbines

Remark

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

Technical Data

Core identification code:	Colour: black (RAL 9005)
Fire test:	Flame-retardant according IEC 60332-1-2
Classification:	ETIM 5.0 Class-ID: EC000057 ETIM 5.0 Class-Description: Low voltage power cable
Conductor stranding:	Fine wire according to VDE 0295, class 5/IEC 60228 class 5
Minimum bending radius:	Occasional flexing: 15 x outer diameter Fixed installation: 5 x outer diameter
Nominal voltage:	U ₀ /U: 1.8/3 kV
Test voltage:	AC 6500 V
Temperature range:	Flexing: -40 °C to +90 °C Fixed installation: -40 °C to +90 °C

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ÖLFLEX® TRAFOLV 1.8/3 KV

07.11.2014

Part number	Conductor cross-section (mm ²)	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
ÖLFLEX® TRAFOLV 1.8/3 KV				
1151010	95	22.1	912.0	1218
1151011	120	24.4	1152.0	1496
1151012	150	25.9	1440.0	1810
1151013	185	28.2	1776.0	2184
1151014	240	30.3	2304.0	2757
1151015	300	34.0	2880.0	3407