

Product Description

Robust against mechanical impact; Reduced spreading of fire source and formation of toxic combustion gases in event of fire; Exact quantity control during installation by meter marking on the cable sheath



Application range

- For cabling of solar modules among themselves and as extension cable between the individual module strings or DC/AC inverter
- Gable and flat roof photovoltaic systems
- Open land solarfield plants

Benefits

- Robust against mechanical impact
- Reduced spreading of fire source and formation of toxic combustion gases in event of fire
- Exact quantity control during installation by meter marking on the cable sheath

Design

- Conductor: Fine wired tinned copper strands
- Core insulation: Electron beam cross-linked copolymer
- Core insulation colour: Black, red or blue
- Outer sheath: Electron beam cross-linked Copolymer
- Outer sheath colour black

Approvals (Norm references)

- Flame retardant according to IEC 60332-1-2
- Halogen-free according to EN 50267-2--1/-2, EN 60684-2
- Ozone resistant according EN 50396
- Weather-/UV resistant according HD 605/A1
- Acid-/Brine resistant according EN 60811-2-1



Product features

- Weathering-, abrasion and UV resistant
- Good heat pressure resistance
- Halogen-free and flame-retardant.
- Resistant against oxalic acid and sodium hydroxide
- On request and considering economic minimum lengths also available with red and blue outer sheath

Technical Data

Conductor stranding

Fine wire in accordance to VDE 0295 Class 5 / IEC 60228 Class 5

Minimum bending radius

Fixed installation: 4 x cable diameter

Rated voltage

AC U0/U : 600/1000 V DC U0/U : 900/1500 V Max.
permissible operating voltage: DC 1800 V

Test voltage

AC 6500 V

Range of temperature

Fixed installation: -40° C up to +100 °C

Article List

Part number	Conductor cross section in mm ²	Outer diameter in mm approx.	Copper index kg/km	Weight kg/km approx.
ÖLFLEX® SOLAR XLS - Core insulation: black / Outer sheath: black				
0025800	1.5	5.4	14.4	29
0025805	2.5	5.4	24	45
0025810	4	6	38.4	72
0025815	6	7.1	57.6	102
0025820	10	8.9	96	159
0025825	16	9.8	153.6	247
ÖLFLEX® SOLAR XLS - Core insulation: red / Outer sheath: black				
0025801	1.5	5.4	14.4	29
0025806	2.5	5.4	24	45
0025811	4	6	38.4	72
0025816	6	7.1	57.6	102
0025821	10	8.9	96	159



0025826	16	9.8	153.6	247
ÖLFLEX® SOLAR XLS - Core insulation: blue / Outer sheath: black				
0025802	1.5	5.4	14.4	29
0025807	2.5	5.4	24	45
0025812	4	6	38.4	72
0025817	6	7.1	57.6	102
0025822	10	8.9	96	159
0025827	16	9.8	153.6	247

Footnote:

Copper price basis: EUR 150 / 100 kg; For utilization and definition of 'Metal price basis' and 'Metal index' see Appendix T17

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

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