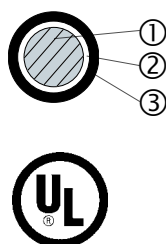
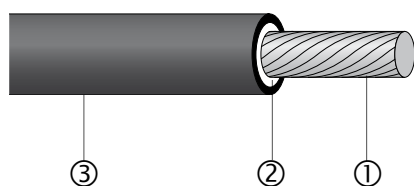




RADOX® SolarLink

single core cable



- UL approval, TÜV tested
- Higher temperature rating as PV1-F
- Double insulated construction allows for installation without a conduit
- Smaller outer diameter
- Of proven RADOX® quality
- Very flexible
- Meter marking - easy installation

Composition of cable

- ① Conductor
- ② Inner insulation
- ③ Outer insulation
Colour

stranded tin plated copper, fine wired, acc. to EN 60228, class 5
 RADOX® 155
 RADOX® 155
 black

Technical data

UL:	voltage rating	600 V AC
	test voltage AC	3.0 kV AC
	temperature rating	90 °C wet or dry, sunlight resistant
TÜV:	voltage rating line to ground	U _o 600 V AC
	voltage rating line to line	U 1000 V AC
	maximum voltage line to ground	720 V AC
	maximum voltage line to line	U _m 1200 V AC
	maximum voltage line to ground	V _o 900 V DC
	maximum voltage line to line	1800 V DC
	test voltage AC	6.5 kV
	test voltage DC	15 kV
	lower ambient temperature	-40 °C
	upper ambient temperature	+90 °C
	max. conductor temperature 20'000 h	+130 °C

Minimum bending radius 4 x cable-Ø

Application

United States:

- Type PV: suitable for interconnection wiring of grounded and ungrounded photovoltaic power systems as described in section 690.31 (A) and other parts of the National Electrical Code (NEC), NFPA 70.
For single conductor, double insulated wires installation without using a conduit is permitted according to section 690.35 (D) of the NEC.
- Type RHH or RHW-2: suitable for use in any of the wiring methods recognized in chapter 3 and as specified in their respective tables or as permitted elsewhere in the NEC.

Europe:

- suitable for the installation methods reference no. 2, 3A, 4A, 5A, 11, 11A, 12, 13, 14, 15, 16, 21, 22A, 23A, 24A, 25, 31A, 32A, 33A, 41, 43, 51, 72, 73, 75 given in table 52H of HD 384.5.52 (CH: SEV 1000 cl. 5.2; DE: DIN VDE 0100-520).



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Complies with:

Vertical FT1	$L \leq 250 \text{ mm}, T \leq 60 \text{ s}$	UL 1581 # 1060
Vertical flame spread	$50 < L \leq 540 \text{ mm}$	EN 60332-1-2, IEC 60332-1-2
Acid and alkaline resistance	168 h / 23 °C	EN 60811-2-1, 10
Weather resistance	720 h	EN ISO 4892-2, Meth. A
RoHS directive	fulfilled	2002/95/EC

Approvals and reports

UL	Photovoltaic Wire	Type PV, UL subject 4703, UL listed E305787
UL	Thermoset-insulated wires and cables	Type RHH and RHW-2, UL 44, UL listed E310273
TÜV Rheinland	Wires for photovoltaic-systems	Report no. 21139372-002F

Extract from our delivery programme

Cross section		Conductor		Conductor resistance	Cable	Weight	Item no..
AWG	mm ²	Construction. n x mm	d _{nom.} mm	R _{20 max.} Ω/km	dia. mm	kg/100 m	
14	2.5	48 x 0.26	2.0	8.21	5.35 ± 0.10	5.1	12582664
12	4.0	56 x 0.30	2.5	5.09	6.05 ± 0.10	7.1	12582665
10	6.0	82 x 0.30	3.2	3.39	7.15 ± 0.15	9.9	12583784

Other cross sections and colours on request.