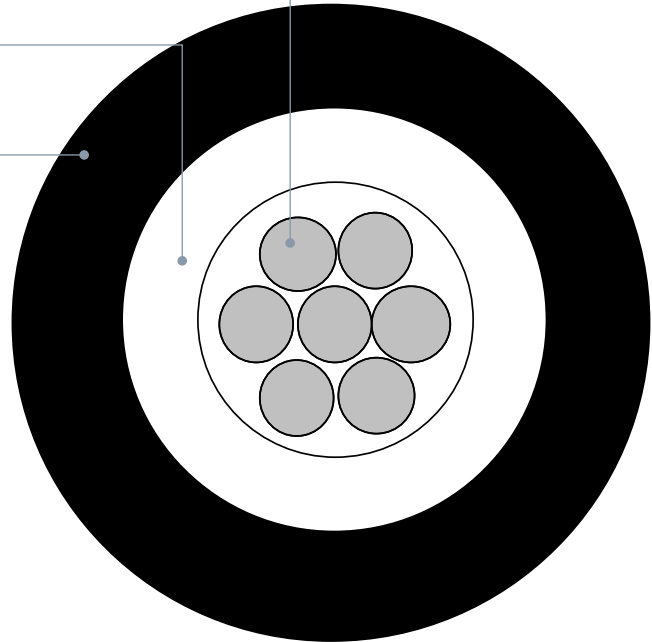


Conductor:
Tinned copper Class 5 according to IEC 60228.

Insulation: XL-HFFR
Colors: White or black

Outer sheath:
XL-HFFR
Color: Black
Diameter: see table below



Cable marking: ID CABLES SOLAR ® n x s SQMM + UV PV1-F TÜV CE (where n: number of conductors; s: section)

PRODUCT INFORMATION

CONSTRUCTION

	Composition			Conductors resistance 20°C (Ω/km)	Allowable current according to HD 604 at 30°C (A)
SOLTUV 1x4	1 × 4 mm ²	5.2 ± 0.20	57	5.09	56
SOLTUV 1x6	1 × 6 mm ²	5.9 ± 0.20	79	3.39	71
SOLTUV 1x10	1 × 10 mm ²	6.9 ± 0.20	122	1.95	96

ELECTRICAL PROPERTIES

Operating voltage (U _o /U):	0.6/1 kV ac 0.9/2.0kV dc
Test voltage:	6.5 kV ac

WARRANTIES AND CERTIFICATIONS

	Certification TÜV 2 Pfg 1169/08.07 for photovoltaic systems	Life span: 20 years Estimated service life according to TÜV 2 Pfg 1169/08.07
	Compliant with the RoHS directive.	Compatible with recommendations from UTE C 32-502

PHYSICAL AND CHEMICAL CHARACTERISTICS

	Flame retardant IEC 60332-1-2		Minimum radius of curvature: 5xØext
	Ozone resistant according to EN50396 UV resistant according to HD605/A1		
	Service temperature: -40°C → +90°C Maximum core temperature: +120°C Short-circuit temperature: 200°C		
	Halogen-free according to EN50267-2-1		EN 60684-2