

Halogen free cross-linked polyolefin double layers photovoltaic cables for use at the photovoltaic power systems.

Order No.	Type	Conductor cross section		Conductor diameter	Outer diameter	Strand design	Conductor resistance / 20°C	IEC 62930		UL 4703		Approvals		
		mm <sup>2</sup>	AWG					mm	mm	n x Ø mm	mΩ	A	DC V	A
62.7434-91021	FLEX-SOL-EVO-DX 2,5	2.5		2	5.94	47 x 0.25	8.21	41	1500	41	2000	x	x	x
			14											
62.7435-91021	FLEX-SOL-EVO-DX 4,0	4		2.4	6.35	52 x 0.30	5.09	55	1500	55	2000	x	x	x
			12											
62.7436-91021	FLEX-SOL-EVO-DX 6,0	6		3	6.97	78 x 0.30	3.39	70	1500	70	2000	x	x	x
			10											
62.7437-91021	FLEX-SOL-EVO-DX 10,0	10		4.1	8.57	77 x 0.40	1.95	98	1500	98	2000	x	x	x
			8											

# PV Cable Flex-Sol-Evo-TX...

## FLEX-SOL-EVO-TX...



### Technical data

Test voltage acc. to EN 50395-6	AC 6.5 kV/DC 15 kV
Ambient temperature range	-40 °C...+90 °C
Upper limiting temperature	120 °C
Insulation resistance	$\geq 1000 \text{ M}\Omega\text{km}$
Insulation, according to IEC 60332-1-2	Flame retardant
Inner insulation (white)	XLPE
Sheath insulation (black)	Polyolefin
Bending radius dynamic/static	$> 5x \text{ OD}$ , $>4x \text{ OD mm}$
Resistant to...	UV, Ozone, Hydrolysis
Resistance to ... tested according to IEC 60811-2-1	Acids, alcalis, oil
Sheath colour	Black
TÜV Rheinland certifications number	R 50408868, R50359551