

ÖLFLEX® SOLAR XL multi



Multiple Rated and Cross-Linked Solar Cable for Weather-Proof Wiring of Photovoltaic Systems

ÖLFLEX® SOLAR XL multi is a single conductor, double insulated, cross-linked, halogen-free and flame retardant solar cable for photovoltaic installations, suitable for use in all seasons.

RECOMMENDED APPLICATIONS:

Designed for outdoor connection of individual solar panels and connection of the panels with the inverter

APPLICATION ADVANTAGE:

- Halogen-free and flame retardant
- UV and Ozone resistant
- Weather and abrasion resistant
- Wide temperature range
- Coded version to differentiate between positive & negative
- Suitable for direct burial
- Fine stranding-more flexible- easier routing and installation

ÖLFLEX® SOLAR XL multi Construction:

Finely stranded tinned copper conductors, polyolefin insulation; black halogen-free cross linked polyolefin outer jacket.

LAPP KABEL STUTTGART ÖLFLEX® SOLAR XL multi (UL) USE-2 600V c(UL) RWU 90 1000V SUNLIGHT RESISTANT RoHS

TECHNICAL DATA:

Minimum Bending Radius for installation:	4 x cable diameter	Conductor Stranding:	Fine Wire per VDE 0295, Class 5 IEC 60228 Cl.5
Temperature Range Fixed Installation:	-40°C to +120°C	Color Code:	Black
Nominal Voltage:	600V (USE-2) 1000V (RWU90)	Approvals:	UL: USE-2 c(UL): RWU90
Test Voltage:	4000V		

Part Number	Conductor Stranding	Nominal Outer Diameter inches	Nominal Outer Diameter mm	Copper Weight lbs/mft	Approx. Weight lbs/mft	Approx. Weight kg/km	Part Number	Conductor Stranding	Nominal Outer Diameter inches	Nominal Outer Diameter mm	Copper Weight lbs/mft	Approx. Weight lbs/mft	Approx. Weight kg/km
Black							Black-Coded						
14 AWG (2.5 mm ²)							14 AWG (2.5 mm ²)						
0026585	50 x 0.26	.220	5.6	16	30	45	0026590	50 x 0.26	.220	5.6	16	30	45
12 AWG (4 mm ²)							12 AWG (4 mm ²)						
0026586	56 x 0.31	.236	6.0	26	48	72	0026591	56 x 0.31	.236	6.0	26	48	72
10 AWG (6 mm ²)							10 AWG (6 mm ²)						
0026587	84 x 0.31	.280	7.1	39	69	102	0026592	84 x 0.31	.280	7.1	39	69	102
8 AWG (10 mm ²)							8 AWG (10 mm ²)						
0026588	80 x .041	.335	8.5	65	107	159	0026593	80 x .041	.335	8.5	65	107	159
6 AWG (16 mm ²)							6 AWG (16 mm ²)						
0026589	128 x .041	.390	9.9	103	166	247	0026594	128 x .041	.390	9.9	103	166	247