

Solar Cable

PV1-F

1000V

- UV Resistance
- Highly Flame Retardant
- Low Smoke, No Halogen
- High And Low Temperature resistance
- Anti-ageing

• Product Qualification

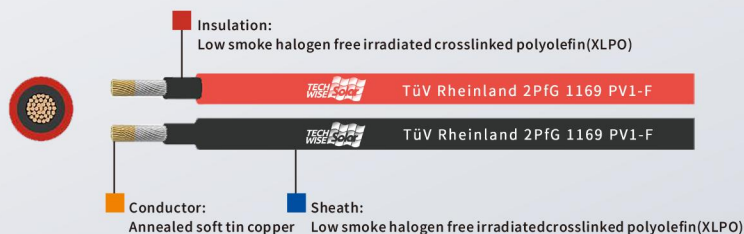


CE RoHS



• Technical Data •

Conductor	Annealed soft tin copper
Sheath/Insulation	XLPO
Rated Voltage	AC U ₀ /U _{0.6} /1.0KV, DC1.0KV
Voltage test On Completed Cable	AC6.5KV/5min, DC15KV/5min
Approvals	2 PFG 1169/08.07
Ambient Temperature	-40°C~+90°C
The ermitted short -circuit-temperature referring to a period of 5s is+200°C	
Cold Bending Test	EN60811-1-4
Test Under Fire Condition	EN60332-1-2



The Structure Of Cable (Subject To The Latest Specifications)

Cross section (mm ²)	Conductor construction (Φ n/mm ±0.015)	Conductor stranded (Φ mm ±0.02)	Insulation medium thickness (≥ mm)	Sheath medium thickness (≥ mm)	Cable OD (Φ mm ±0.02)	Conductor Dc Resistance (Ω/Km)	Current carrying capacity AT 60° C (A)
1.5	22x0.285	1.5	0.5	0.5	4.3	13.7	24
2.5	36x0.285	2.0	0.5	0.5	4.8	8.21	33
4	56x0.285	2.4	0.5	0.5	5.1	5.09	44
6	84x0.285	3.0	0.5	0.5	5.9	3.39	57
10	80x0.390	4.0	0.5	0.5	6.9	1.95	79
16	120x0.39	5.0	0.5	0.5	8.4	1.24	107
25	196x0.39	6.3	0.5	0.5	10.2	0.795	142
35	276x0.39	7.4	0.5	0.5	11.2	0.565	176



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