

## Products Specification

2 PFG 1169 1×6,0mm<sup>2</sup> Solar PV Cable



### **Application**

This cable is specifically designed for connecting photovoltaic system components inside and outside of building and equipment.

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## Products description

Specification( 1×6,0mm <sup>2</sup> )		
Type	TÚV 2PFG 1169 PV1-F 1×6,0mm <sup>2</sup>	
Conductor	Material	Stranded tinned copper
	Composition(NO./mm)	84/0.30
Insulation	Material	XLPE
	Nominal Thickness(mm)	0.85
Sheath	Material	XLPE
	Nominal Thickness(mm)	0.77
	Diameter(mm)	7.1±0.2
standard	TÚV 2PFG 1169 08.07	
Rated voltage	AC U <sub>0</sub> /U <sub>0.6</sub> ~1.0KV , DC1.8KV	
Ambient temperature	-40~ + 90°C	
The expected period of use	25years	
Flame rated	IEC60332-1-2	
Conductor dc resistance	≤3.39Ω/km	

### General features:

- Ambient temperature : -40~ + 90°C
- Max. Temperature at Conductor : 120°C
- Electron beam cross-linked materials do not melt or flow, even at high temperatures.
- Compact and flexible
- Flame retardant, pass flame test on single vertical insulated wires.
- High resistance against heat, cold, abrasion, UV, ozone and hydrolyses.
- Very high mechanical robustness and resistance against water, oil and chemicals.