

Single core PV Cable

- Dual wall Insulation, electron beam cross-linked
- Excellent resistance to UV, water, ozone, fluids, salt, general weathering
- Excellent resistance to abrasion
- Halogen free, flame retardant, low toxicity
- Excellent flexibility and stripping performance
- High current carrying capacity
- TUV and UL approved



Specifications

Type	Cross section	Strand design	Conductor diameter	Conductor resistance	Outer diameter AxB	Rated voltage	Rated current
	mm ²	No. x Φ (mm)	mm	Ω/km	mm	V AC/DC	A
PV-1x1.5 mm ²	1.5	30 x Φ0.25	1.6	13.9	4.5	1000/1800	20
PV-1x2.5 mm ²	2.5	50 x Φ0.25	2.0	8.06	5.3	1000/1800	30
PV-1x4.0 mm ²	4.0	56 x Φ0.3	2.6	4.97	6.4	1000/1800	50
PV-1x6.0 mm ²	6.0	84 x Φ0.3	3.3	3.52	7.2	1000/1800	70
PV-1x10.0 mm ²	10.0	200 x Φ0.25	4.4	2.12	8.3	1000/1800	95
PV-1x16.0 mm ²	16.0	224 x Φ0.3	5.2	1.95	9.5	1000/1800	140
Wire				Class 5, tinned			
Insulation material				XLPE			
Double insulated							
Halogen free							
High resistance against oils, greases, oxygen and ozone							
Microbe-resistant							
UV resistant							
High wear and abrasion resistance							
Flam test according to				DIN EN 50265-2-1 UL1571 (WW-1)			
Smallest permissible bending radius				5XD			
Temperature range				-40°C - +90°C			
Colours				Black/red			

Dimensions(mm)

