

- ☐ 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.



► Specifications

Type	Cross Section mm ²	Strand design No. x ϕ (mm)	Conductor diameter mm	Conductor resistance Ω /km	Outer diameter A x B mm	Rated voltage VAC/DC	Rated current A
Single Core							
PV-1x1.5mm ²	1.5	30 x ϕ 0.25	1.6	13.9	4.5	1000/1800	20
PV-1x2.5mm ²	2.5	50 x ϕ 0.25	2.0	8.06	5.3	1000/1800	30
PV-1x4.0mm ²	4.0	56 x ϕ 0.3	2.6	4.97	6.4	1000/1800	50
PV-1x6.0mm ²	6.0	84 x ϕ 0.3	3.3	3.52	7.2	1000/1800	70
PV-1x10.0mm ²	10.0	200 x ϕ 0.25	4.4	2.12	8.3	1000/1800	95
Twin Core							
PV-2x1.5mm ²	1.5	30 x ϕ 0.25	1.6	13.9	5.80x 9.30	1000/1800	20
PV-2x2.5mm ²	2.5	50 x ϕ 0.25	2.0	8.06	6.20x 9.90	1000/1800	30
PV-2x4.0mm ²	4.0	56 x ϕ 0.3	2.6	4.97	6.9x 11.30	1000/1800	50
PV-2x6.0mm ²	6.0	81 x ϕ 0.3	3.3	3.52	7.1x 14.30	1000/1800	70

► Specifications

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(VW-1)
Smallest Permissible Bending Radius	5XD
Temperature Range	-40 °C ~ +90 °C
Colours	Black/red

► Dimensions

