

Specifications



TYPE	Cross section	Strand design	Conductor diameter	Conductor resistance	Outer diameter AxB	Rated voltage	Rated current
	mm ²	No.xΦ(mm)	mm	Ω/km	mm	VAC/DC	A
Single Core							
PV-1x2.5mm ²	2.5	49 x Φ0.25	2.0	8.21	5.3x11.0	1500	52
PV-1x4.0mm ²	4.0	56 x Φ0.285	2.45	5.09	5.5x11.3	1500	57
PV-1x6.0mm ²	6.0	84 x Φ0.285	3.0	3.39	6.3x12.8	1500	72
PV-1x10.0mm ²	10.0	146 x Φ0.285	4.0	1.95	7.8x15.8	1500	98

Twin Core							
PV-2x4.0mm ²	4.0	56 x Φ0.285	2.45	5.09	5.5x11.3	1500	57
PV-2x6.0mm ²	6.0	84 x Φ0.285	3.0	3.39	6.3x12.8	1500	72
PV-2x10.0mm ²	10.0	146 x Φ0.285	4.0	1.95	7.8x15.8	1500	98
PV-2x16.0mm ²	16.0	228 x Φ0.285	5.0	1.24	9.3x19.7	1500	132

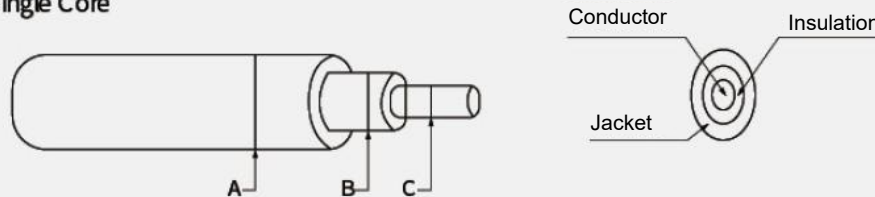
Wire	Class 5, tinned
Conductor	Tinned copper stranded
Insulation	Electron-beam cross-linked materials
Jacket	Electron-beam cross-linked materials
Flam Test According To	DS/EN 50618:2014 IEC62930:2017
Smallest Permissible Bending Radius	5XD
Temperature Range	-40 C ~ +90°C
Colors	Black/Red

Application

- 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.

Dimensions

Single Core



Twin Core

