# PV CABLE

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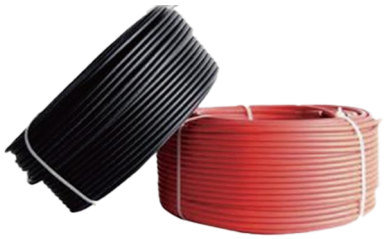

## Specifications

| TYPE | Cross section | Strand design | Conductor diameter | Conductor resistance | Outer diameter AxB | Rated voltage | Rated current |
|---|---|---|---|---|---|---|---|
| | mm² | No.xΦ(mm) | mm | Ω/km | mm | VAC/DC | A |
| **Single Core** | | | | | | | |
| PV-1x2.5mm² | 2.5 | 49 x Φ0.25 | 2.0 | 8.21 | 5.3x11.0 | 1500 | 52 |
| PV-1x4.0mm² | 4.0 | 56 x Φ0.285 | 2.45 | 5.09 | 5.5x11.3 | 1500 | 57 |
| PV-1x6.0mm² | 6.0 | 84 x Φ0.285 | 3.0 | 3.39 | 6.3x12.8 | 1500 | 72 |
| PV-1x10.0mm² | 10.0 | 146 x Φ0.285 | 4.0 | 1.95 | 7.8x15.8 | 1500 | 98 |
| **Twin Core** | | | | | | | |
| PV-2x4.0mm² | 4.0 | 56 x Φ0.285 | 2.45 | 5.09 | 5.5x11.3 | 1500 | 57 |
| PV-2x6.0mm² | 6.0 | 84 x Φ0.285 | 3.0 | 3.39 | 6.3x12.8 | 1500 | 72 |
| PV-2x10.0mm² | 10.0 | 146 x Φ0.285 | 4.0 | 1.95 | 7.8x15.8 | 1500 | 98 |
| PV-2x16.0mm² | 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℃~ +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

