

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

CE  ROHS

Specifications

| Type | Cross section | Strand design | Conductor diameter | Conductor resistance | Outer diameter AxB | Rated voltage | Rated current |
|---|-----------------|---------------|--------------------|-------------------------------|--------------------|---------------|---------------|
| | mm ² | No. × Φ (mm) | mm | Ω/km | mm | V AC/DC | A |
| PV-1x1.5 mm ² | 1.5 | 30 × Φ 0.25 | 1.6 | 13.9 | 4.5 | 1000/1800 | 20 |
| PV-1x2.5 mm ² | 2.5 | 50 × Φ 0.25 | 2.0 | 8.06 | 5.3 | 1000/1800 | 30 |
| PV-1x4.0 mm ² | 4.0 | 56 × Φ 0.3 | 2.6 | 4.97 | 6.4 | 1000/1800 | 50 |
| PV-1x6.0 mm ² | 6.0 | 84 × Φ 0.3 | 3.3 | 3.52 | 7.2 | 1000/1800 | 70 |
| PV-1x10.0 mm ² | 10.0 | 200 × Φ 0.25 | 4.4 | 2.12 | 8.3 | 1000/1800 | 95 |
| PV-1x16.0 mm ² | 16.0 | 224 × Φ 0.3 | 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(VW-1) | | | |
| Smallest permissible bending radius | | | | 5XD | | | |
| Temperature range | | | | -40°C ~ +90°C | | | |
| Colours | | | | Black/red | | | |

Dimensions(mm)

