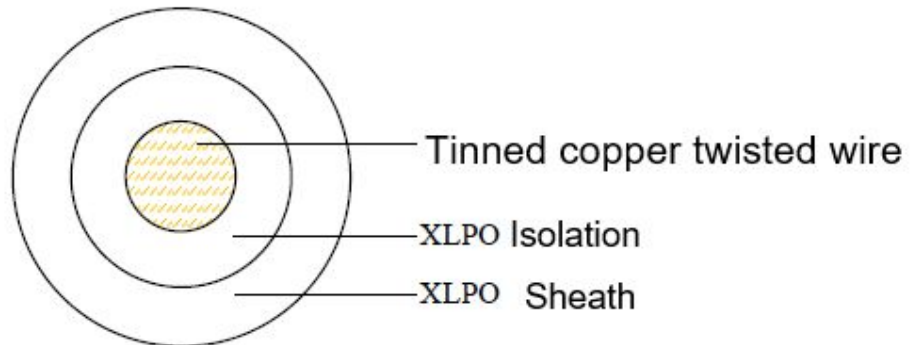


2.5 to 35 mm² PV Cable TUV & UL PRINT

Item : 太陽能電纜(PV Wire)

Certification : EN 50618 / UL 4703

Structure (示意圖)



Cable Structure:

| Item | | Unit | Specification | | | | | | |
|-----------------|-----------------------------|-----------------|--------------------|-------------------|-------------------|---------------------|---------------------|---------------------|---------------------|
| Conductor | Area | mm ² | 2.5 | 4 | 6 | 10 | 16 | 25 | 35 |
| | AWG | # | 14 | 12 | 10 | 8 | 6 | 4 | 2 |
| | Structure | #/mm | 49/0.254 ±0.008 | 52/0.30 ±0.008 | 84/0.30 ±0.008 | 196/0.254 ±0.008 | 315/0.254 ±0.008 | 490/0.254 ±0.008 | 686/0.254 ±0.008 |
| Isolation | Avg. Thickness | mm | 1.14 | 1.14 | 1.14 | 1.39 | 1.39 | 1.39 | 1.39 |
| | Outer Diameter | mm | 4.4±0.15 | 4.8±0.1 | 5.45±0.15 | 7.3±0.15 | 8.5±0.2 | 9.9±0.3 | 11.20±0.3 |
| Sheath | Avg. Thickness | mm | 0.8 | 0.8 | 0.8 | 0.8 | 1.14 | 1.14 | 1.14 |
| | Outer Diameter | mm | 6.0±0.2 | 6.35±0.1 | 7.1±0.3 | 8.9±0.3 | 10.8±0.3 | 12.2±0.5 | 13.5±0.5 |
| Characteristics | Conductor Resistance (Max.) | Ω/km (20°C) | 8.21 | 5.09 | 3.39 | 1.95 | 1.24 | 0.795 | 0.565 |
| | Withstand Voltage | kV/5min (AC.) | 6.5 | 6.5 | 6.5 | 6.5 | 6.5 | 6.5 | 6.5 |
| | Rated Voltage | kV | 1.0/2.0 | 1.0/2.0 | 1.0/2.0 | 1.0/2.0 | 1.0/2.0 | 1.0/2.0 | 1.0/2.0 |
| | Rated Temperature | (C) | 90 | 90 | 90 | 90 | 90 | 90 | 90 |
| | Flame Resistance(VW-1) | | Pass | Pass | Pass | Pass | Pass | Pass | Pass |

Color:

Isolation: White

Sheath: Black

PRINT/meter :

TUV H1Z2Z2-K 1×□mm² HALOGEN FREE LOW SMOKE UL PV WIRE

□AWG 90°C DRY OR WET Sun RES -40°C VW-1

□□□□M