



JUNDA

Power Delivers, Energy Endures



1000V/2000V Photovoltaic (PV) Wire Copper

String Wire



Junda delivers customized PV power transmission cable solutions, precisely matching cable specifications to project parameters and providing bespoke packaging and logistics plans based on site layouts. With seamless collaboration and internationally certified quality assurance, we ensure efficient project completion and long-term operational reliability.

Application



- For use in photovoltaic power systems
- UV/Sunlight-resistant
- Used at 1000V/2000V
- Rated 90°C
- Used on exposed or concealed wiring in wet or dry locations or direct burial

Construction



- Conductor: 12AWG through 6AWG stranded bare copper
- Internal insulation: Flame-retardant cross-linked Polyethylene (XLPE)
- External insulation: Flame-retardant cross-linked Polyethylene (XLPE)

Options



- Conductor can be stranded tinned annealed copper
- VW-1
- Insulation color can be red, black or white *other colors available on request

Packaging



- Customized length trimming
- Shipped on nonreturnable wooden reels
- Parallel packaging available

Installation Recommendations



- Min. Bending Radius during Installation : 5xD (D is diameter of cable)
- Min. Bending Radius Fix Installed : 4xD (D is diameter of cable)
- Max. Conductor Operating Temperature : 90°C

Standards



- UL4703
- UL2256
- UL1581

