



## MV-105 5-35kV Single Aluminum Conductor TRXLPE 100% INS XLPE

Medium Voltage Cable Aluminum



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



- Used for medium voltage installations or distribution networks both indoors and outdoors
- Used in wet or dry locations, direct burial, underground duct

### Construction



- Conductor: 2AWG through 1500kcmil electrolytic compressed aluminum class B (1350-H19 aluminum)
- Conductor Shield: Extruded semi-conducting thermoset layer
- Insulation: Extruded tree-retardant cross-linked polyethylene (TR-XLPE)
- Insulation Shield: Extruded semi-conducting thermoset layer, clean and free stripping from insulation
- Concentric Neutral: Helically applied, annealed, solid bare copper wires
- Jacket: Black with 3 red stripes, non-conducting, sunlight resistant, XLPE sheath

### Options



- EPR Insulation
- Different concentric neutral level
- Copper tape screen
- Other voltages available
- TYPE MV-90 with LLDPE jacket or PVC jacket

### Packaging



- Customized length trimming
- Shipped on nonreturnable wooden reels or steel reels
- Triplex or parallel packaging available

### Installation Recommendations



- Min. Bending Radius during Installation : 20xD (D is diameter of cable)
- Min. Bending Radius Fix Installed : 15xD (D is diameter of cable)
- Max. Conductor Operating Temperature : 105°C

### Standards



- UL1702
- ICEA S-94-649
- AEIC CS8

