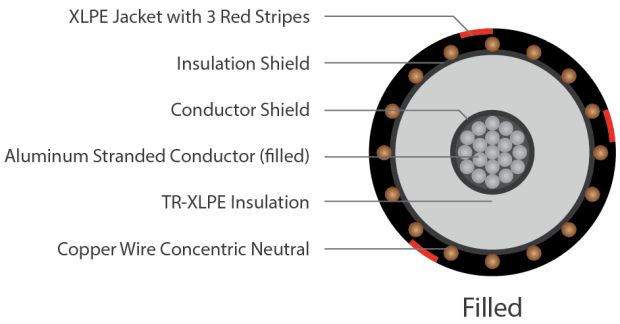
# TR-XLPE/CN/XLPE, Type MV-105, Primary UD, 25kV 100%, 260-mils
## Single Conductor 1000 kcmil, Filled Aluminum, 1/3 Neutral

### DESCRIPTION
Medium Voltage Primary Underground Distribution (UD) cables consist of an aluminum (filled) conductor, covered with tree-retardant cross-linked polyethylene (TR- XLPE), a concentric neutral of helically applied copper wires, and a cross-linked polyethylene (XLPE) moisture blocked jacket with 3 extruded red stripes.

### APPLICATIONS
- Suitable for underground primary power applications: dIrect burial or In duct.
- For wet or dry locations
- Jacket is sunlight resistant, meeting the 720-hr exposure test
- Excellent resistance to treeing
- Designed to operate continuously at a conductor temperature not exceeding
  - » 105°C for normal operations
  - » 140°C for emergency overload
  - » 250°C for short circuit




**SERIES E9KK**

### CONSTRUCTION

| | |
|---|---|
| **CONDUCTOR** | 1350 AL, Class B Strand (filled) |
| **STRAND SHIELD** | Thermoset semi-conducting polymer |
| **INSULATION** | Tree-Retardant Cross-Linked Polyethylene (TR-XLPE) |
| **INSULATION SHIELD** | Thermoset semi-conducting polymer |
| **SHIELD** | Helically applied, annealed solid bare copper wires |

### CONSTRUCTION (Continued)

| | |
|---|---|
| **JACKET** | Cross-Linked Polyethylene (XLPE) and three red stripes |
| **PACKAGING** | Non-returnable reels |

### STANDARDS (Compliance)

| | |
|---|---|
| **PERFORMANCE** | AEIC CS8<br>ASTM B3<br>ASTM B231<br>ICEA S-94-649<br>ICEA T-31-610<br>UL 1072<br>RUS U1 |

### SPECIFICATIONS

| Part Number | Conductor Size AWG or kcmil | Conductor Diameter (in) | Copper Concentric Neutrals | Insulation Diameter (in) | Jacket Thickness (in) | O.D. (in) | Net Weight (lbs / Mft) |
|---|---|---|---|---|---|---|---|
| E9KKT-B56F01CA01 | 1000 | 1.106 | 20x 10AWG | 1.71 | 0.080 | 2.20 | 2.736 |

The dimensions and weights shown are nominal and subject to industry standards. Other designs available upon request.