

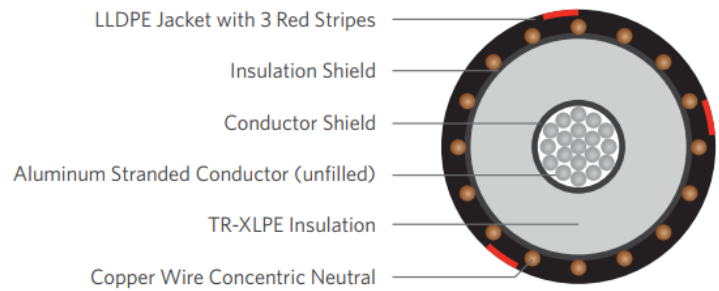
TR-XLPE/CN/LLDPE, Type Primary UD
Series E9MK – 35kV 100% 345mils

DESCRIPTION

The Medium Voltage Primary Underground Distribution (UD) cables consist of an aluminum (unfilled) conductor, covered with tree-retardant cross-linked polyethylene (TR- XLPE), a concentric neutral of helically applied copper wires, and a sunlight resistant linear low-density polyethylene (LLDPE) jacket with 3 extruded red stripes.

APPLICATION

- Suitable for underground primary power applications
- For wet or dry locations
- For direct burial or in duct
- Jacket is sunlight resistant, meeting the 720-hr exposure test



SPECIFICATIONS

| | |
|--------------------------------|--|
| Conductor | Aluminum 1350 compressed stranded Class B (unfilled) |
| Conductor Strand Shield | Extruded thermoset Semi-conducting polymer |
| Insulation | Tree-Retardant Cross-linked Polyethylene (TR-XLPE) |
| Neutral | Concentric Neutral |
| Jacket | Linear Low-Density Polyethylene |

| | |
|--------------------|---|
| Packaging | Non-returnable reels |
| Performance | ASTM B-3, B-230, B-231 |
| Compliance | ICEA S-94-649 ICEA T-31-610 AEIC CS8 RUS U1 UL 1072 (MV-90) |

PART NUMBER AND PHYSICAL CHARACTERISTICS

| Part Number | Cond Size kcmil | Cond Diameter in | Insulation Diameter in | Copper Concentric Neutral | Jacket Thickness inches | OD inches | Net Weight lbs/mft |
|------------------|-----------------|------------------|------------------------|---------------------------|-------------------------|-----------|--------------------|
| E9MKT-B83F01CA00 | 1250 | 1.238 | 2.05 | 24x10AWG (1/3) | 0.080 | 2.58 | 3387 |

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