

TR-XLPE/CN/LLDPE, Type Primary UD

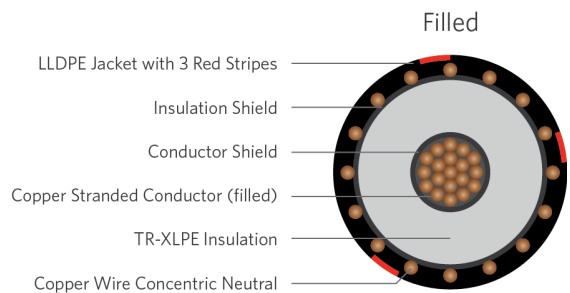
Part Number: E9MKT-B25B01CA00

DESCRIPTION

The Medium Voltage Primary Underground Distribution (UD) cables consist of a copper (filled) 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
- Designed to operate continuously at a conductor temperature not exceeding
 - » 90°C for normal operations
 - » 130°C for emergency overload
 - » 250°C for short circuit



SPECIFICATIONS

| | |
|--------------------------------|--|
| Conductor | Copper compressed stranded Class B (filled) |
| 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 ASTM B-3, B-8 ICEA S-94-649 |
| Performance Compliance | ICEA T-31-610 AEIC CS8 RUS U1 UL 1072 (MV-90) |

1C 750kcmil CU Filled 35kV 100% 345mils TRXLPE 1/3 RCN (25w x 10) LLDPE Jkt, Type MV-90, URD

PART NUMBER AND PHYSICAL CHARACTERISTICS

| Part Number | Conductor Size (AWG/kcmil) | Conductor Diameter (in.) | Insulation Diameter (in.) | Copper Concentric Neutral | Jacket Thickness (in.) | OD (in.) | Net Weight (lbs./MFT) |
|------------------|----------------------------|--------------------------|---------------------------|---------------------------|------------------------|----------|-----------------------|
| E9MKT-B25B01CA00 | 750 | 0.968 | 1.840 | 25 x 10 | 0.080 | 2.205 | 4300 |

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

