

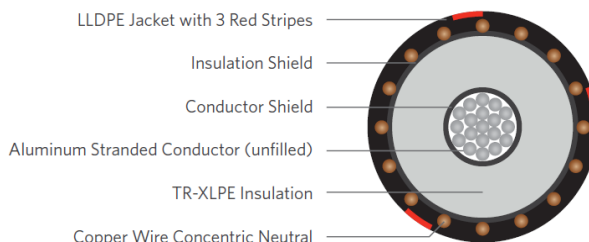
TRXLPE/CN/LLDPE, Type MV-90, Primary UD, 25kV 100%, 260-mils Single Conductor 4/0 AWG Aluminum, 1/3 Round Concentric Neutral

DESCRIPTION

Medium Voltage Primary Underground Distribution (UD) cables consist of an Aluminum (unfilled) conductor, covered with tree-retardant cross-linked polyethylene (TRXLPE), a concentric neutral of helically applied copper wires, and a linear low-density polyethylene (LLDPE) 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
- Excellent resistance to treeing
- 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



SERIES E9KKT

CONSTRUCTION

| | |
|--------------------------|--|
| CONDUCTOR | 1350 AL, Class B Strand (unfilled) |
| STRAND SHIELD | Thermoset semi-conducting polymer |
| INSULATION | Tree-retardant cross-linked Polyethylene (TRXLPE) |
| INSULATION SHIELD | Thermoset semi-conducting polymer |
| SHIELD | Helically applied, annealed solid bare copper wires |
| JACKET | Linear Low Density Polyethylene (LLDPE), three red stripes |
| PACKAGING | Wooden reels |

STANDARDS (Compliance)

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| PERFORMANCE | AEIC CS8 ASTM B3 ASTM B231 ICEA S-94-649 UL 1072 (MV-90) RUS U1 |
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SPECIFICATIONS

| Part Number | Conductor Size AWG | Conductor Diameter (in) | Nominal Insulation Diameter (in) | Copper Concentric Neutrals | Nominal Jacket Thickness (in) | Approximate O.D. (in) | Approximate Net Weight (lbs / Kft) |
|------------------|--------------------|-------------------------|----------------------------------|----------------------------|-------------------------------|-----------------------|------------------------------------|
| E9KKT-4A3F01CA00 | 4/0 | 0.512 | 1.08 | 11 x #14 | 0.055 | 1.40 | 890 |

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