

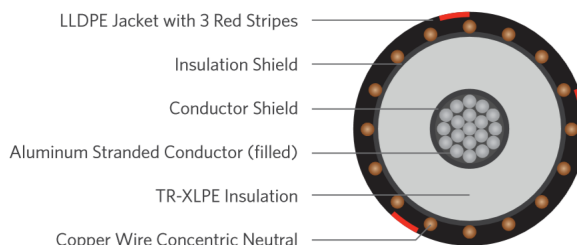
TRXLPE/CN/LLDPE, Type MV-90, Primary UD, 15kV 100%, 175-mils Single Conductor 4/0AWG Aluminum, 1/3N

DESCRIPTION

Medium Voltage Primary Underground Distribution (UD) cables consist of an Aluminum (filled) 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 E9HKT

CONSTRUCTION

| | |
|--------------------------|---|
| CONDUCTOR | 1350 AL, Class B Strand (filled with extrudable moisture blocking compound) |
| 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 |

CONSTRUCTION cont'd

| | |
|------------------|--|
| JACKET | Linear Low Density Polyethylene (LLDPE), Moisture blocking powder applied, Three red Stripes |
| PACKAGING | Non-returnable reels |

STANDARDS (Compliance)

| | |
|--------------------|---|
| PERFORMANCE | AEIC CS8 ASTM B3 ASTM B231 ICEA S-94-649 ICEA T-34-644 UL 1072 (MV-90) RUS U1 |
|--------------------|---|

SPECIFICATIONS

| Part Number | Conductor Size AWG or kcmil | Nom. Conductor Diameter (in) | Copper Concentric Neutrals | Nom. Insulation Diameter (in) | Nom. Jacket Thickness (in) | Approx. O.D. (in) | Approx. Net Weight (lbs / Mft) |
|------------------|--------------------------------|---------------------------------------|----------------------------------|--|----------------------------------|-------------------------|--------------------------------------|
| E9HKT-4A6F01CA20 | 4/0 | 0.512 | 11x14AWG | 0.91 | 0.055 | 1.20 | 720 |

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