

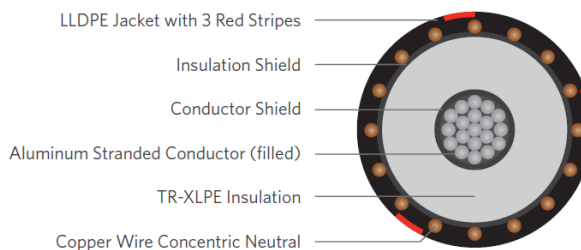
## TRXLPE/CN/LLDPE, Type MV-90, Primary UD, 35kV 100%, 345-mils Single Conductor 750 kcmil, 1/3 Neutral, Filled Aluminum - Silicone Free

### 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 moisture blocked 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, 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 E9MKT**

### CONSTRUCTION

<b>CONDUCTOR</b>	1350 AL, Class B Strand (filled)
<b>STRAND SHIELD</b>	Thermoset semi-conducting polymer
<b>INSULATION</b>	Tree-retardant cross-linked Polyethylene (TRXLPE)
<b>INSULATION SHIELD</b>	Thermoset semi-conducting polymer
<b>SHIELD</b>	Helically applied, annealed solid bare copper wires
<b>JACKET</b>	Linear Low Density Polyethylene (LLDPE), water swellable powder applied, three red Stripes
<b>PACKAGING</b>	Non-returnable reels

### STANDARDS (Compliance)

<b>PERFORMANCE</b>	AEIC CS8 ASTM B3 ASTM B231 ICEA S-94-649 ICEA T-31-610 ICEA T-34-664 UL 1072 (MV-90) RUS U1
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### SPECIFICATIONS

Part Number	Conductor Size AWG or kcmil	Conductor Diameter (in)	Nominal Insulation Diameter (in)	Copper Concentric Neutrals	Nominal Jacket Thickness (in)	Approximate O.D. (in)	Approximate Net Weight (lbs / kft)
E9MKT-B26F01CA21	750	0.958	1.73	15 x #10 (1/3N)	0.080	2.19	2,419

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