

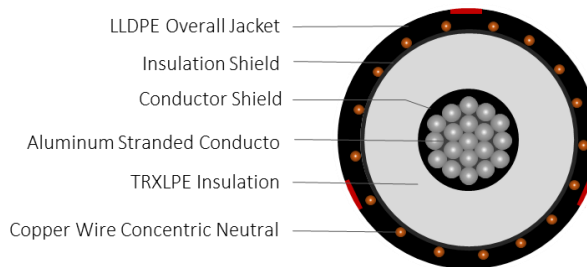
## TR-XLPE/CN/LLDPE, Type MV-90, Primary UD, 15kV 133%, 220-mils Single Conductor Aluminum - Silicone Free

### DESCRIPTION

Medium Voltage Primary Underground Distribution (UD) cables consist of an Aluminum conductor, covered with tree-retardant cross-linked polyethylene (TR-XLPE), 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, meeting the 720-hr exposure test
- 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 E9JKM**

### CONSTRUCTION

<b>CONDUCTOR</b>	1350 Aluminum, Class B Strand Compressed
<b>STRAND SHIELD</b>	Thermoset semi-conducting polymer
<b>INSULATION</b>	Tree-retardant cross-linked polyethylene (TR-XLPE)
<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)
<b>PACKAGING</b>	Non-returnable reels

### STANDARDS (Compliance)

<b>PERFORMANCE</b>	AEIC CS8
	ASTM B3
	ASTM B230
	ASTM B231
	ICEA S-94-649
	UL 1072

## SPECIFICATIONS

Part Number	Conductor Size (kcmil)	Conductor Diameter (in)	Insulation Diameter (in)	Copper Concentric Neutrals (FCN)	Jacket Thickness (in)	Approx. Overall Diameter (in)	Approx. Net Weight (lbs / Mft)	Ampacity (A)
E9JKM-1A3F01CA00 (unfilled)	1/0	0.362	0.83	16 x 14 AWG	0.055	1.15	680	215
E9JKM-1A6F01CA00 (filled)	1/0	0.362	0.83	16 x 14 AWG	0.055	1.15	680	215

- 1) The dimensions and weights shown are nominal and subject to industry standards. Other designs available upon request.
- 2) Ampacities are based on NEC Table 311.60(C)(82) Allowable Ampacities of Single Insulated Aluminum Conductors Directly Buried in Earth Based on Conductor Temperature of 90°C