

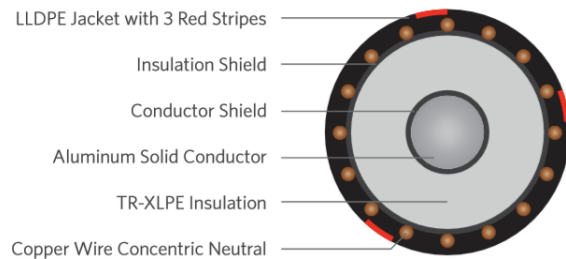
## TRXLPE/CN/LLDPE, Type MV-90, Primary UD, 15kV 133%, 220-mils Single Conductor 1/0 AWG Solid Aluminum, FCN

### DESCRIPTION

Medium Voltage Primary Underground Distribution (UD) cables consist of an Aluminum solid 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 E9JKM**

### CONSTRUCTION

<b>CONDUCTOR</b>	1350 AL, Solid
<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), moisture blocking powder, Three red Stripes
<b>PACKAGING</b>	Wooden reels

### STANDARDS (Compliance)

<b>PERFORMANCE</b>	AEIC CS8 ASTM B3 ASTM B230 ASTM B609 ICEA S-94-649 ICEA T-34-644 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)
E9JKM-1A3S01CA20	1/0	0.325	0.80	16x 14AWG	0.055	1.12	660

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