

## TR-XLPE/CN/LLDPE, Type Primary UD

Aluminum Unfilled, 15kV 133% I.L., 220-mils

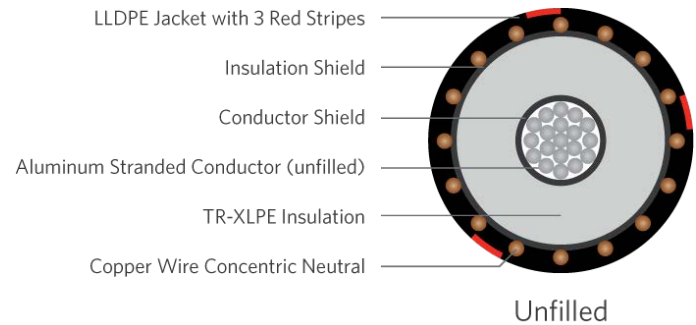
Part Number: E9JKJ-B83F01CA00

### DESCRIPTION

The Medium Voltage Primary Underground Distribution (UD) cables consist of an Aluminum unfilled 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.

### APPLICATION

- Suitable for underground primary power applications
- For wet or dry locations
- For direct burial or in duct
- Excellent resistance to treeing
- Jacket is sunlight-resistance
- Designed to operate
  - » 105°C for normal operations
  - » 140°C for emergency overload
  - » 250°C for short circuit



### SPECIFICATIONS

<b>Conductor</b>	Aluminum 1350 compressed lay stranded Class B (unfilled)
<b>Conductor Strand Shield</b>	Extruded thermoset Semi-conducting polymer
<b>Insulation</b>	Tree-Retardant Cross-linked Polyethylene (TR-XLPE)
<b>Neutral</b>	Concentric Neutral
<b>Jacket</b>	Linear Low-Density Polyethylene

<b>Packaging</b>	Non-returnable reels
<b>Performance</b>	ASTM B-3
<b>Compliance</b>	ASTM B-230 ASTM B-231 ICEA S-94-649 AEIC CS8 UL 1072 (MV-90) RUS U1 (upon request)

**1C 1250kcmil 91-wires Aluminum (unfilled), 15kV 133% 220mils TR-XLPE, (31-wires copper x14AWG) 1/6 reduced concentric neutral, LLDPE jacket**

### PART NUMBER AND PHYSICAL CHARACTERISTICS

Part Number	Conductor Size (AWG/kcmil)	Conductor Diameter (in.)	Insulation Diameter (in.)	Copper Concentric Neutral	Jacket Thickness (in.)	OD (in.)	Net Weight (lbs./MFT)
E9JKJ-B83F01CA00	1250	1.238	1.80	31 x 14AW (1/6RCN)	0.080	2.830	2,536

The dimensions and weights shown are nominal and subject to industry standards.