

**TR-XLPE/CN/LLDPE, Type Primary UD (Unfilled)**

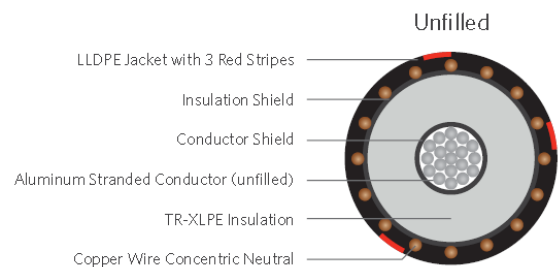
Part Number: E9JKT-1A3F01CA00

**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
  - » 90°C for normal operations
  - » 130°C for emergency overload
  - » 250°C for short circuit



**SPECIFICATIONS**

<b>Conductor</b>	Aluminum 1350 compressed Lay stranded Class B (Unfilled)
<b>Conductor</b>	Extruded thermoset Super Smooth
<b>Strand Shield</b>	Semi-conducting polymer
<b>Insulation</b>	Tree-Retardant Cross-linked Polyethylene (TR-XLPE)
<b>Insulation Shield</b>	Carbon Black Filled Cross-Linkable Compound
<b>Neutral</b>	Solid copper wires
<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 ICEA T-31-610 (water block compliant) AEIC CS8 UL 1072 (MV-90) RUS U1

**1C 1/0AWG 19-wires Aluminum (Unfilled), 15kV 133% 220mils TR-XLPE, (6-wires copper x 14AWG) 1/3 reduced concentric neutral, LLDPE jacket.**

**PART NUMBER AND PHYSICAL CHARACTERISTICS**

Part Number	Cond Size AWG/kcmil	Cond Diameter (in.)	Insulation Diameter (in.)	Copper Concentric Neutral	Jacket Thickness (in.)	OD (in.)	Net Weight lbs./MFT
E9JKT-1A3F01CA00	1/0	0.358	0.85	6 x 14AWG	0.055	1.15	563

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