

## EPR/CN/LLDPE, Type Primary UD

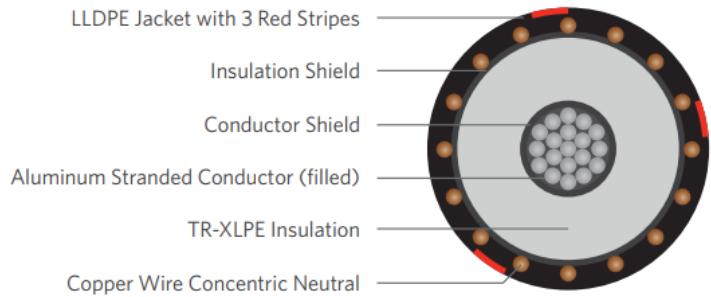
Part Number: E9JKM-1A6F01CA01

### DESCRIPTION

The Medium Voltage Primary Underground Distribution (UD) cables consist of an Aluminum stranded Filled conductor, covered with Tree Retardant Cross-Linked (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 Stranded, Class B Filled	<b>Packaging</b>	Non-returnable reels
<b>Conductor Strand Shield</b>	Extruded thermoset Semi-conducting polymer		ASTM B-3
<b>Insulation</b>	Cross-Linked Polyethylene (TR-XLPE)	<b>Performance Compliance</b>	ASTM B-230
<b>Neutral</b>	Helically applied solid copper wires		ASTM B-609
<b>Jacket</b>	Linear Low-Density Polyethylene		ICEA S-94-649
			AEIC CS8
			UL 1072 (MV-90)
			RUS U1

**1C 1/0AWG Stranded Aluminum, 15kV 133% 220mils TR-XLPE, (16-wires copper x 14AWG) full concentric neutral, LLDPE jacket.**

### PART NUMBER AND PHYSICAL CHARACTERISTICS

Part Number	Cond Size AWG/kcmil	Cond Diameter in	Insulation Diameter inches	Copper Concentric Neutral	Jacket Thickness inches	OD inches	Net Weight lbs/mft
E9JKM-1A6F01CA01	1/0	0.358	0.850	16 x 14AWG	0.055	1.15	678

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