

**EPR/CN/LLDPE, Type Primary UD**

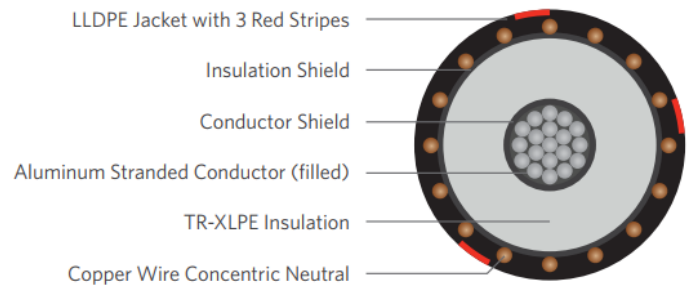
Part Number: E9JKM-4A6F01CA01 (Silicone-Free)

**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 Class B (Filled)
<b>Conductor Shield</b>	Semi-conducting Thermoset polymer
<b>Insulation</b>	Cross-Linked Polyethylene (TR-XLPE)
<b>Insulation Shield</b>	Semi-conducting Thermoset polymer
<b>Neutrals</b>	Solid Copper Wire
<b>Jacket</b>	Linear Low-Density Polyethylene (LLDPE)

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

**1C 4/0 Aluminum (filled), 15kV 133% 220mils TR-XLPE, Full Concentric Neutral, LLDPE Jacket.**

PART NUMBER AND PHYSICAL CHARACTERISTICS							
Part Number	Conductor Size (AWG/kcmil)	Conductor Diameter (inches)	Insulation Diameter (inches)	Copper Concentric Neutral	Jacket Thickness (inches)	Overall Diameter (inches)	Weight (lbs/mft)
E9JKM-4A6F01CA01	4/0	0.512	0.988	20 x 12	0.055	1.340	1053

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