

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

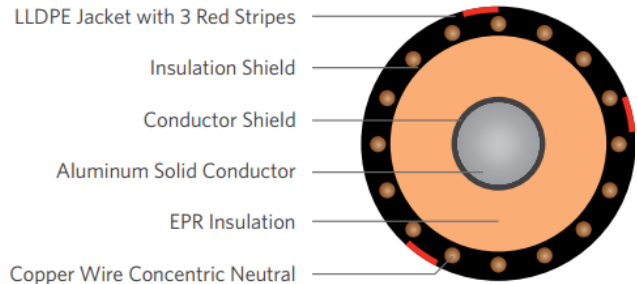
Part Number: E9KPM-1A3S01CA00

**DESCRIPTION**

The Medium Voltage Primary Underground Distribution (UD) cables consist of an Aluminum solid conductor, covered with Ethylene Propylene Rubber (EPR), 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 Solid
<b>Conductor Strand Shield</b>	Extruded thermoset Semi-conducting polymer
<b>Insulation</b>	Ethylene Propylene Rubber (EPR)
<b>Neutral</b>	Solid copper wires
<b>Jacket</b>	Linear Low-Density Polyethylene

<b>Packaging</b>	Non-returnable reels
<b>Performance Compliance</b>	ASTM B-3
	ASTM B-230
	ASTM B-609
	ICEA S-94-649
	AEIC CS8
	UL 1072 (MV-90)
	RUS U1

**1C 1/0AWG Solid Aluminum, 25kv 100% 260mils EPR, (16-wires copper x 14AWG) full concentric neutral, LLDPE jacket**

PART NUMBER AND PHYSICAL CHARACTERISTICS							
Part Number	Conductor Size (AWG/kcmil)	Conductor Diameter (in.)	Copper Concentric Neutral	Insulation Diameter (in.)	Jacket Thickness (in.)	OD (in.)	Net Weight (lbs./MFT)
E9KPM-1A3S01CA00	1/0	0.325	16 x 14AWG (FCN)	0.893	0.055	1.193	731

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