

**EPR/CN/LLDPE, Type Primary UD (Unfilled)**

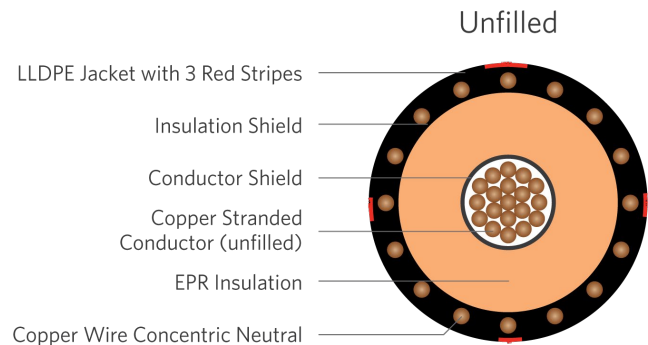
Part Number: E9JPM-4A1B01CA80

**DESCRIPTION**

The Medium Voltage Primary Underground Distribution (UD) cables consists of a Copper unfilled 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>	Bare copper compressed lay stranded Class B (unfilled)
<b>Conductor</b>	Extruded thermoset
<b>Strand Shield</b>	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
	ASTM B-3
	ASTM B-230
	ASTM B-231
<b>Performance Compliance</b>	ICEA S-94-649
	AEIC CS8
	UL 1072 (MV-90)
	RUS U1

**1C 4/0AWG 19-wires Copper (unfilled), 15kV 133% 220mils EPR, (32-wires copper x 12AWG) full 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)
E9JPM-4A1B01CA80	4/0	0.512	0.978	32x12AWG (FCN)	0.090	1.39	1,824

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