

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

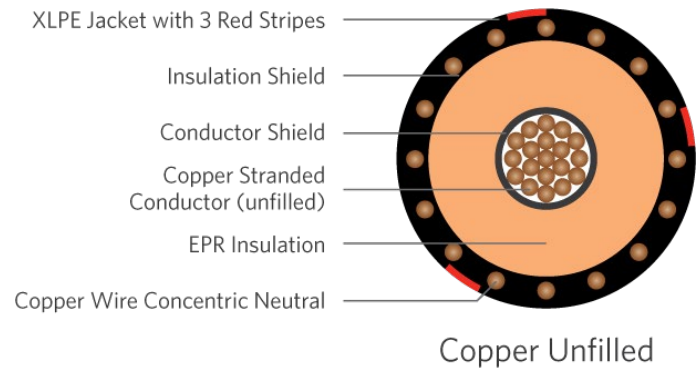
Part Number: E9JYT-A11B01CA00

**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 sunlight resistant cross-linked polyethylene (XLPE) 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>Packaging</b>	Non-returnable reels
<b>Conductor Strand Shield</b>	Extruded thermoset Semi-conducting polymer		ASTM B-3 ASTM B-8
<b>Insulation</b>	Ethylene Propylene Rubber (EPR)	<b>Performance Compliance</b>	ICEA S-94-649 AEIC CS8 UL 1072 (MV-105) RUS U1
<b>Neutral</b>	Solid copper wires		
<b>Jacket</b>	Cross-Linked Polyethylene (XLPE)		

**1C 250kcmil 37-wires Copper (unfilled), 15kV 133% 220mils EPR, (16-wires copper x 14AWG) 1/3 reduced concentric neutral, XLPE 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)
E9JYT-A11B01CA00	250	0.547	16 x 14AWG (1/3RCN)	1.03	0.055	1.36	1,403

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