

## EPR/CN/XLPE, Type Primary UD (Filled)

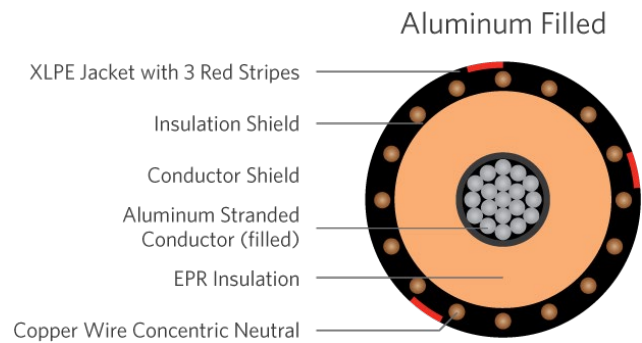
Part Number: E9JYM-A36F01CA00

### DESCRIPTION

The Medium Voltage Primary Underground Distribution (UD) cables consist of an Aluminum filled conductor, covered with Ethylene Propylene Rubber (EPR), a concentric neutral of helically applied copper wires, moisture block 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>	Aluminum 1350 compressed lay stranded Class B (filled)
<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>	Cross-Linked Polyethylene (XLPE)

<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-105)
	RUS U1

### 1C 350kcmil 37-wires Aluminum (filled), 15kV 133% 220mils EPR, (24-wires copper x 12AWG) full 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)
E9JYM-A36F01CA00	350	0.648	24 x 12AWG (FCN)	1.130	0.055	1.46	1,417

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