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

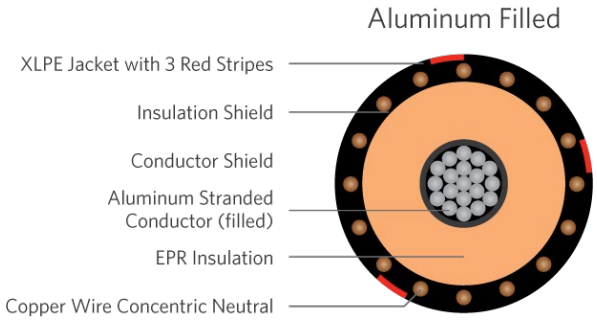
Part Number: E9JYT-A36F01CA20

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

Conductor	Aluminum 1350 compressed lay stranded Class B (filled)
Conductor Strand Shield	Extruded thermoset Semi-conducting polymer
Insulation	Ethylene Propylene Rubber (EPR)
Neutral	Solid copper wires
Moisture Block	Powder
Jacket	Cross-Linked Polyethylene (XLPE) with water swell-able powder under jacket

Packaging	Non-returnable reels
Performance Compliance	ASTM B-3 ASTM B-230 ASTM B-231 ICEA S-94-649 AEIC CS8 UL 1072 (MV-105) RUS U1

1C 350kcmil 37-wires Aluminum (filled), 15kV 133% 220mils EPR, (18-wires copper x 14AWG) 1/3 reduced concentric neutral with moisture block under 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-A36F01CA20	350	0.648	18 x 14AWG (1/3 RCN)	1.220	0.055	1.460	977

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