EPR/CN/LLDPE, Type Primary UD

Aluminum Unfilled, 15kV 133% I.L., 220-mils

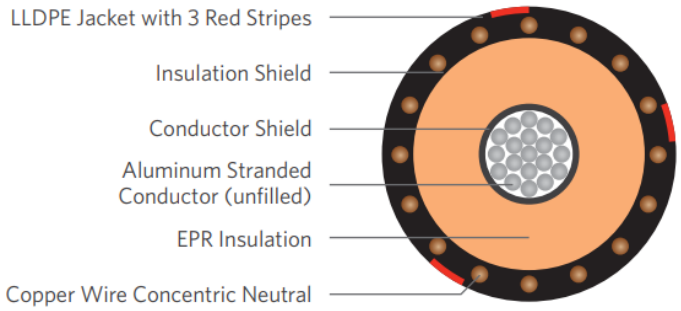
Part Number: E9JPM-A63F01CA00

DESCRIPTION

The Medium Voltage Primary Underground Distribution (UD) cables consist of an Aluminum 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

Conductor	Aluminum 1350 compressed lay stranded Class B (unfilled)
Conductor Strand Shield	Extruded thermoset Semi-conducting polymer
Insulation	Ethylene Propylene Rubber (EPR)
Neutral	Solid copper wires
Jacket	Linear Low-Density Polyethylene

Packaging	Non-returnable reels
Performance Compliance	ASTM B-3 ASTM B-230 ASTM B-231 ICEA S-94-649 AEIC CS8 UL 1072 (MV-90) RUS U1

1C 500kcmil 37-wires Aluminum (unfilled), 15kV 133% 220mils EPR, (27-wires copper x 10AWG) full concentric neutral, LLDPE jacket

PART NUMBER AND PHYSICAL CHARACTERISTCS

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-A63F01CA00	500	0.781	1.29	27 x 10AWG	0.055	1.71	2024

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