EPR/CN/LLDPE, Type Primary UD (filled)

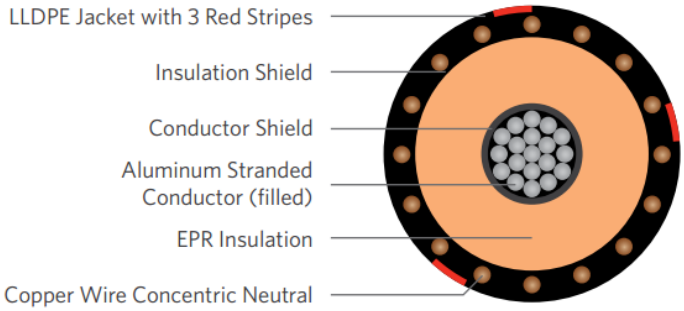
Part Number: E9JPT-A66F01CA01

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, 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 (filled)
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 (filled), 15kV 133% 220mils EPR, (16-wires copper x 12AWG) 1/3 reduced concentric neutral, LLDPE jacket.

PART NUMBER AND PHYSICAL CHARACTERISTCS

Part Number	Cond Size AWG/kcmil	Cond Diameter in	Insulation thickness in	Copper Concentric Neutral	Jacket Thickness in	OD in	Net Weight lbs/mft
E9JPT-A66F01CA01	500	0.781	1.29	16 x 12AWG	0.055	1.68	1,541

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