EPR/CN/LLDPE, Type Primary UD, Copper Compressed (Filled)

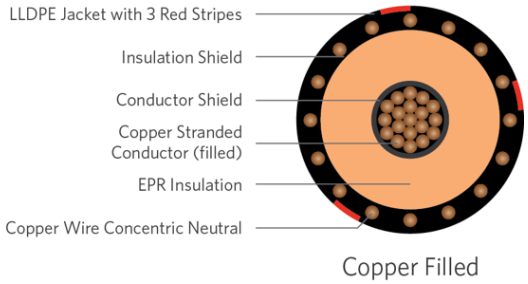
Part Number: E9JPT-A15B01CA00

DESCRIPTION

The Medium Voltage Primary Underground Distribution (UD) cables consist of a copper compressed stranded 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



Copper Filled

SPECIFICATIONS

Conductor	Fully annealed bare copper Class B compressed strand (filled)
Conductor Strand Shield	Extruded thermoset Semi-conducting polymer
Insulation	Ethylene Propylene Rubber (EPR)
Neutral	Helically applied, annealed, solid copper bare wires
Jacket	Linear Low-Density Polyethylene

Packaging	Non-returnable reels
Performance Compliance	ASTM B-3 ASTM B496 ICEA S-94-649 AEIC CS8 UL 1072 (MV-90) RUS U1

1C 250kcmil 37-wires Copper Compact (filled), 15kV 133% 220mils EPR, (21-wires copper x 14AWG) 1/3 reduced concentric neutral, LLDPE jacket

PART NUMBER AND PHYSICAL CHARACTERISTICS

Part Number	Conductor Size (AWG/kcmil)	Conductor Diameter (in.)	Insulation Thickness (in.)	Copper Concentric Neutral	Jacket Thickness (in.)	OD (in.)	Net Weight (lbs./MFT)
E9JPT-A15B01CA00	250	0.547	1.030	21 x 14AWG (1/3RCN)	0.055	1.36	1,564

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