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

35Kv; EPR; 133%; 420-mils

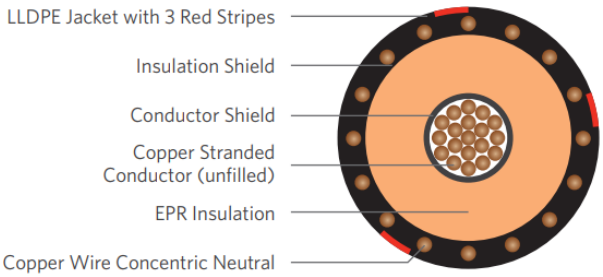
Part Number: **E9NPT-B21B01CA00**

DESCRIPTION

The Medium Voltage Primary Underground Distribution (UD) cables consist of a Copper stranded 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	Fully annealed bare copper Class B compressed strand (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	ASTM B-3
Compliance	ICEA S-94-649 AEIC CS8 UL 1072 (MV-90) RUS U1

1C; 750KCM; 61-wires Copper (unfilled), 35kV 133% 420-mils; EPR; (25-wires copper x 10AWG) 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)
E9NPT-B21B01CA00	750KCM	.949	1.84	25 x 10AWG	.080	2.25	4,513

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