

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

35Kv; EPR; 133%; 420-mils

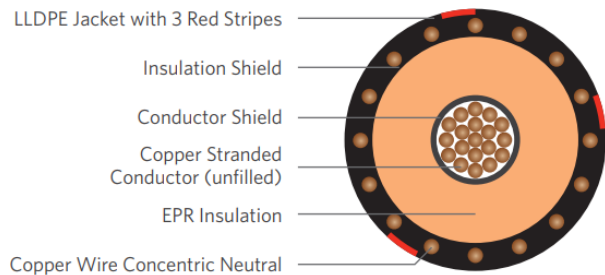
Part Number: **E9NPT-1A1B01CA00**

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 1/0 AWG 19-wires Copper (unfilled), 35kV 133% 420-mils; EPR; (9-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) |
| E9NPT-1A1B01CA00 | 1/0 AWG | .355 | 1.23 | 9 x 14AWG | .055 | 1.56 | 1,275 |

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