

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

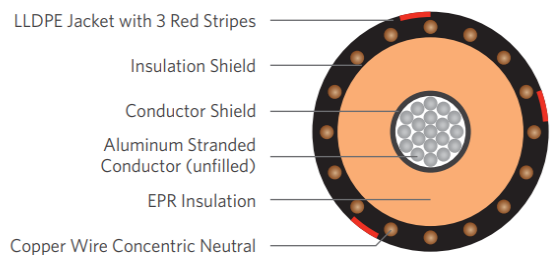
Part Number: E9JPT-1A3F01CA00

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
 - » 90°C for normal operations
 - » 130°C for emergency overload
 - » 250°C for short circuit



SPECIFICATIONS

| | |
|--------------------------|--|
| Conductor | Aluminum 1350 compressed Lay stranded Class B (Unfilled) |
| Conductor | Extruded thermoset Super Smooth |
| Strand Shield | Semi-conducting polymer |
| Insulation | Tree-Retardant Cross-linked Polyethylene (TR-XLPE) |
| Insulation Shield | Carbon Black Filled Cross-Linkable Compound |
| Neutral | Solid copper wires |
| Jacket | Linear Low-Density Polyethylene |

| | |
|--------------------|---|
| Packaging | Non-returnable reels |
| Performance | ASTM B-3 |
| Compliance | ASTM B-230 ASTM B-231 ICEA S-94-649 ICEA T-31-610 (water block compliant) AEIC CS8 UL 1072 (MV-90) RUS U1 |

1C 1/0AWG 19-wires Aluminum (Unfilled), 15kV 133% 220mils EPR, (6-wires copper x 14AWG) 1/3 reduced concentric neutral, LLDPE jacket.

PART NUMBER AND PHYSICAL CHARACTERISTICS

| Part Number | Cond Size AWG/kcmil | Cond Diameter (in.) | Insulation Diameter (in.) | Copper Concentric Neutral | Jacket Thickness (in.) | OD (in.) | Net Weight lbs./MFT |
|------------------|---------------------|---------------------|---------------------------|---------------------------|------------------------|----------|---------------------|
| E9JKT-1A3F01CA00 | 1/0 | 0.358 | 0.85 | 6 x 14AWG | 0.055 | 1.16 | 563 |

The dimensions and weights shown are nominal and subject to industry standards. Other designs available upon request.