

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

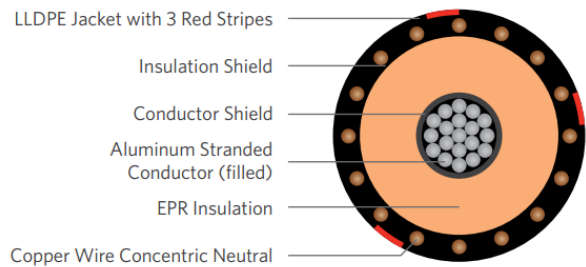
Part Number: E9LPM-2A6F01CA00

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 | ASTM B-3 |
| Compliance | ASTM B-230 |
| | ASTM B-231 |
| | ICEA S-94-649 |
| | AEIC CS8 |
| | UL 1072 (MV-90) |
| | RUS U1 |

1C 2/0AWG 19-wires Aluminum (filled), 25kV 133% 320mils EPR, (20-wires copper x 14AWG) full 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) |
|------------------|----------------------------|--------------------------|----------------------------|---------------------------|------------------------|----------|-----------------------|
| E9LPM-2A6F01CA00 | 2/0 | 0.405 | 1.07 | 20 x 14AWG (FCN) | 0.055 | 1.40 | 1,017 |

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