

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

Part Number: E9KPJ-B56F01CA00

DESCRIPTION

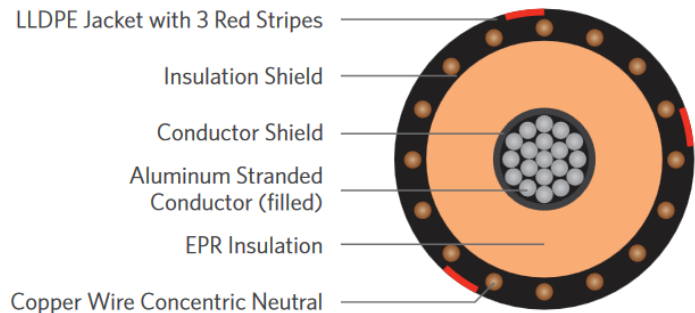
The Medium Voltage Primary Distribution Underground consist of an Aluminum filled conductor, covered with ethylene rubber (EPR), helically applied copper wires for reduced concentric neutral, and LLDPE jacket black with 3 extruded red stripes.

PRODUCT NAME

EPR/CN/LLDPE, Type MV-UD
(filled aluminum conductor)

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
Insulation	Ethylene Propylene Rubber (EPR)
Neutral	Helically applied, annealed Solid bare copper wires
Jacket	Linear Low-Density Polyethylene (LLDPE)

Packaging	Non-returnable reels
Performance	ASTM B3 ASTM B-230 and B-231 ICEA S-94-649 AEIC CS8 UL 1072 (MV-90) RUS

1C 1000kcmil 61-wires Aluminum (filled) 25kV 100% 260mils EPR, (25-wires copper x 14AWG) 1/6 reduced concentric neutral, LLDPE jacket

PART NUMBER AND PHYSICAL CHARACTERISTICS

Part Number	Conductor Size (AWG/kcmil)	Conductor Diameter (in.)	Insulation Diameter (in.)	Copper Concentric Neutral	Jacket Thickness (in.)	OD (in.)	Net Weight (lbs./MFT)
E9KPJ-B56F01CA00	1000	1,117	1.667	25 x 14AWG (1/6RCN)	0.080	2.045	2,302

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