

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

Series E9MP – 35kV 100% 345mils

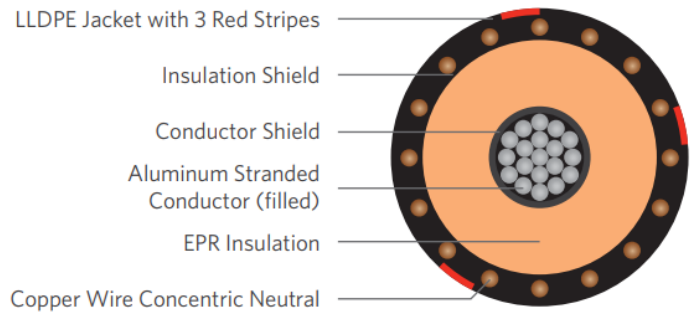
Part Number: E9MPJ-B56F01CA00

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	Concentric Neutral
Jacket	Linear Low-Density Polyethylene

Packaging	Non-returnable reels
Performance	ASTM B3 ASTM B230 and B231 ICEA S-94-649 AEIC CS8 UL 1072 (MV-90) RUS

PART NUMBER AND PHYSICAL CHARACTERISTICS

Part Number	Cond Size AWG/kcmil	Cond Diameter in	Insulation Diameter in	Copper Concentric Neutral	Jacket Thickness inches	OD inches	Net Weight lbs/mft
E9MPJ-B56F01CA00	1.106	1.88	1.88	25 x 14AWG (1/6RCN)	0.080	2.37	2716

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