

MV Primary Underground Distribution Cable

Series E9, Alum Cdr, EPR insulated, Concentric Neutral, LLDPE jacket

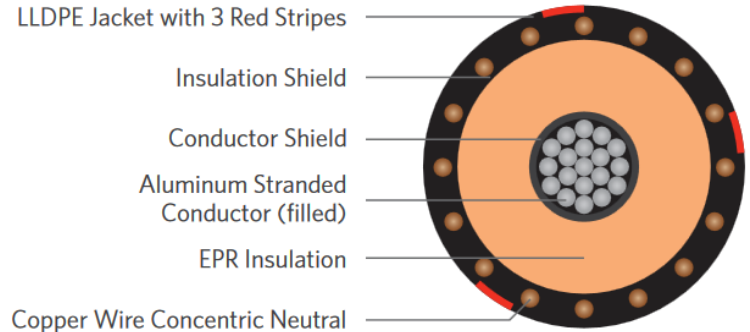
Part Number: E9NPM-1A6F01CA00

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



DESCRIPTION

The Medium Voltage Primary Distribution Underground consist of 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.

SPECIFICATIONS

Conductor	Filled Aluminum Compressed Lay Strand	Packaging	Non-returnable reels
Insulation	Ethylene Propylene Rubber (EPR)	Performance	ASTM B3 ASTM B-230 and B-231 ICEA S-94-649 AEIC CS8 UL 1072 (MV-90) RUS
Neutral	Helically applied, annealed Solid bare copper wires		
Jacket	Linear Low-Density Polyethylene (LLDPE)		

35kV 100% I.L. 420mils, Full Reduced Concentric Neutral

PART NUMBER AND PHYSICAL CHARACTERISTICS

Part Number	Cond Size AWG/kcmil	Cond Diameter In	Insulation Diameter in	Concentric Neutral No. x AWG	Jacket Thickness inches	OD inches	Net Weight lbs/mft
E9NPM-1A6F01CA00	1/0	0.358	1.25	16 x 14AWG	0.055	1.55	1,155

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

Other designs available upon request