

MV Primary Underground Distribution Cable

Part Number: E9NPT-1A5B01CA00

DESCRIPTION

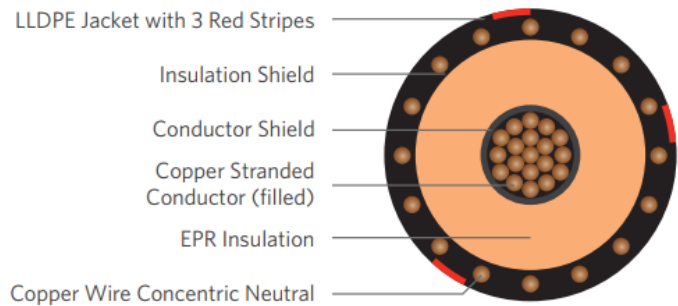
The Medium Voltage Primary Distribution Underground consist of copper filled conductor, covered with ethylene rubber (EPR), helically applied copper wires for reduced concentric neutral, and LLDPE black jacket with 3 extruded red stripes.

PRODUCT NAME

EPR/CN/LLDPE, Type MV-UD
(copper filled 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	Filled Copper Compressed Lay Strand	Packaging	Non-returnable reels
Insulation	Ethylene Propylene Rubber (EPR)	Performance	ASTM B3 ASTM B8
Neutral	Helically applied, annealed Solid bare copper wires		ICEA S-94-649 AEIC CS8
Jacket	Linear Low-Density Polyethylene (LLDPE)		UL 1072 (MV-90) RUS

1C 1/0AWG 19-wires Copper (Filled), 35kV 133% 420mils EPR, (9-wires copper x 14AWG) 1/3 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)
E9NPT-1A5B01CA00	1/0	0.362	1.23	9x14AWG (1/3RCN)	0.055	1.56	1,276

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