

EPR/CN/LLDPE, Type Primary UD

Part Number: E9NPT-1A6F01CA00

DESCRIPTION

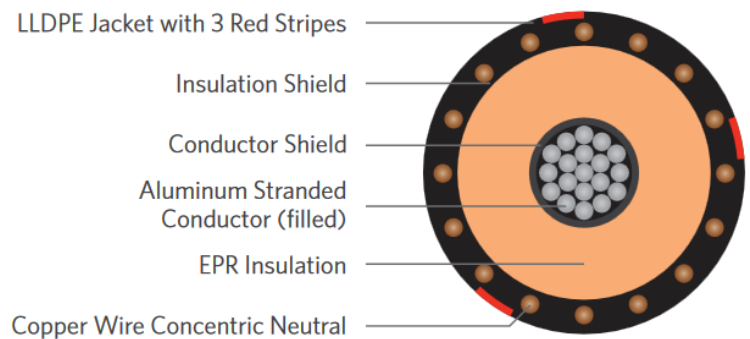
The Medium Voltage Primary Underground Distribution (UD) cables consists of aluminum (Filled) conductor, covered with ethylene propylene rubber (EPR), a concentric neutral of helically applied copper wires, and a sunlight resistant linear low density polyethylene (LLDPE) jacket with 3 extruded red stripes.

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	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)		

1/C 1/0AWG 19-wires Aluminum (Filled), 35kV 133% 420mils EPR, (6-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-1A6F01CA00	1/0	0.358	1.25	6 x 14AWG (1/3rcn)	0.055	1.55	1,091

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