

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

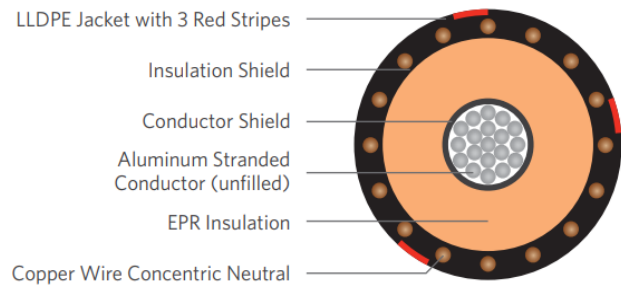
Part Number: E9HPM-1A3F01CA00

DESCRIPTION

The Medium Voltage Primary Underground Distribution (UD) cables consist of an Aluminum unfilled stranded 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 Stranded Class b (Unfilled)
Conductor Strand Shield	Extruded thermoset Super-Smooth Semi-conducting polymer
Insulation	Ethylene Propylene Rubber (EPR)
Neutral	Solid copper wires
Jacket	Linear Low-Density Polyethylene

Packaging	Non-returnable reels
Performance	ASTM B-3
Compliance	ASTM B-230 ASTM B-609 ICEA S-94-649 AEIC CS8 UL 1072 (MV-90) RUS U1 (Upon request)

1C 1/0AWG 19-wires Aluminum, 15kV 100% 175mils EPR (unfilled), (16-wires copper x 14AWG) full concentric neutral, LLDPE jacket

PART NUMBER AND PHYSICAL CHARACTERISTICS

Part Number	Conductor Size (AWG/kcmil)	Conductor Diameter (in.)	Copper Concentric Neutral	Insulation Diameter (in.)	Jacket Thickness (in.)	OD (in.)	Net Weight (lbs./MFT)
E9HPM-1A3F01CA00	1/0	0.362	16 x 14AWG (FCN)	0.741	0.055	1.049	631

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