

MV Primary Underground Distribution Cable

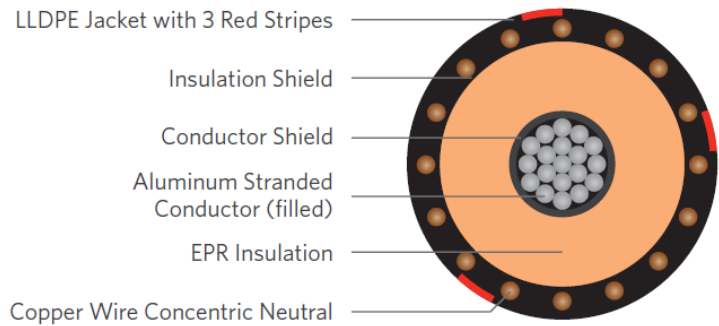
Part Number E9JPM-4A6F01CA00

DESCRIPTION

The Medium Voltage Primary Distribution Underground consists of Aluminum filled conductor, covered with ethylene rubber (EPR), helically applied copper wires for full concentric neutral, and LLDPE jacket black 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)	Packaging	Non-returnable reels
Conductor Strand Shield	Extruded thermoset Semi-conducting polymer	Performance	ASTM B-3 ASTM B-230 ASTM B-231
Insulation	Ethylene Propylene Rubber (EPR)	Compliance	ICEA S-94-649 AEIC CS8 UL 1072 (MV-90) RUS U1
Neutral	Solid copper wires		
Jacket	Linear Low-Density Polyethylene		

1C 4/0 AWG 19-wires Aluminum (filled), 15kV 133% 220mils EPR, (32-wires copper x 14AWG) full concentric neutral, LLDPE jacket

PART NUMBER AND PHYSICAL CHARACTERISTICS

Part Number	Conductor Size (AWG/kcmil)	Conductor Diameter (in.)	Insulation Diameter (in.)	Jacket Thickness (in.)	Overall Diameter (in.)	Net Weight (lbs./MFT)
E9JPM-4A6F01CA00	4/0	0.507	1.00	0.055	1.35	1,097

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