

MV Primary Underground Distribution Cable

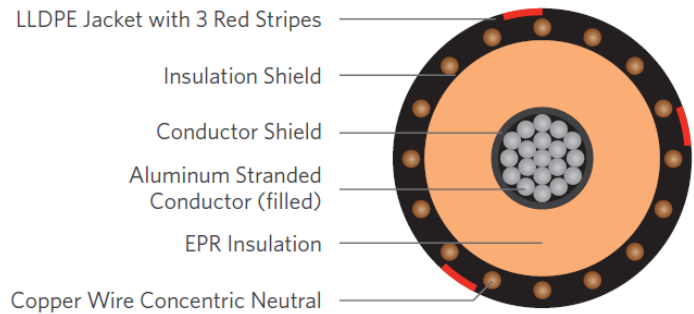
Part Number E9JPM-4A6F01CA0x

DESCRIPTION

The Medium Voltage Primary Distribution Underground consist 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	Extruded thermoset		ASTM B-3
Strand Shield	Semi-conducting polymer		ASTM B-230
Insulation	Ethylene Propylene Rubber (EPR)	Performance Compliance	ASTM B-231
Neutral	Solid copper wires		ICEA S-94-649
Jacket	Linear Low-Density Polyethylene		AEIC CS8
			UL 1072 (MV-90)
			RUS U1

1C 4/0 AWG 19-wires Aluminum (filled), 15kV 133% 220mils EPR, (20-wires copper x 12AWG) full concentric neutral, LLDPE jacket.

PART NUMBER AND PHYSICAL CHARACTERISTICS

Part Number	Cond Size Gauge	Cond Diameter Inches	Insulation Diameter Inches	Jacket Thickness Inches	Overall Diameter Inches	Net Weight lbs/mft
E9JPM-4A6F01CA0x	4/0	0.507	1.00	0.055	1.35	1,097

This is an alternative neutral configuration from our standard, "x" in the part number to be assigned at order placement. The dimensions and weights shown are nominal and subject to industry standards. Other designs available upon request.