

MV Primary Underground Distribution Cable (Filled)

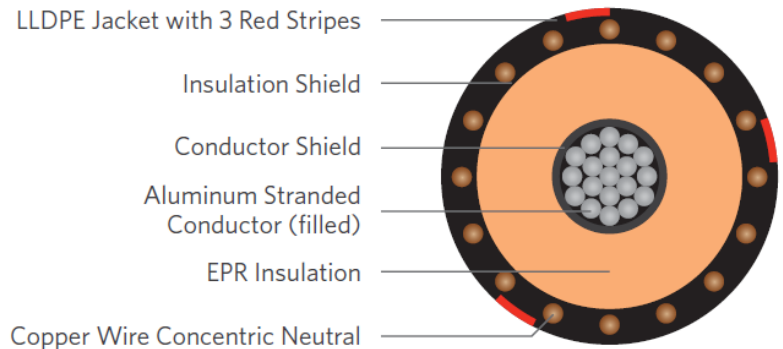
Part Number E9JPM-1A6F01CA20

DESCRIPTION

The Medium Voltage Primary Distribution Underground (UD) cables consist of an Aluminum filled conductor, covered with Ethylene Propylene Rubber (EPR), a concentric neutral of helically applied copper wires, moisture block 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 lay stranded Class B (filled)	Packaging	Non-returnable reels
Conductor Strand Shield	Extruded thermoset Semi-conducting polymer		ASTM B-3
Insulation	Ethylene Propylene Rubber (EPR)		ASTM B-230
Neutral	Solid copper wires	Performance Compliance	ASTM B-231
Moisture Block	Powder		ICEA S-94-649
Jacket	Linear Low-Density Polyethylene		AEIC CS8
			UL 1072 (MV-90)
			RUS U1

1C 1/0 AWG 19-wires Aluminum (filled), 15kV 133% 220mils EPR, (16-wires copper x 14AWG) full concentric neutral, with moisture block under 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)
E9JPM-1A6F01CA20	1/0	0.355	0.831	16 x 14AWG (FCN)	0.055	1.14	706

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