

MV Primary Underground Distribution Cable (Filled)

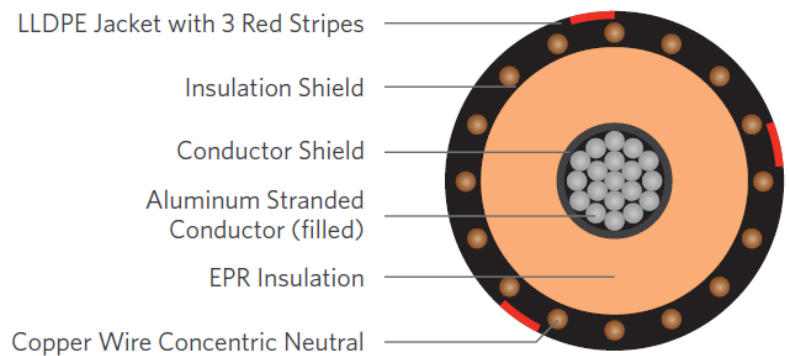
Part Number E9HPM-1A6F01CA00

DESCRIPTION

The Medium Voltage Primary Distribution Underground (UD) cables consist of an Aluminum filled conductor, covered with Ethylene Propylene 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
Insulation	Ethylene Propylene Rubber (EPR)	Compliance	ASTM B-230
Neutral	Solid copper wires		ASTM B-231
Jacket	Linear Low-Density Polyethylene		ICEA S-94-649
			AEIC CS8
			UL 1072 (MV-90)
			RUS U1

1C 1/0 AWG 19-wires Aluminum (filled), 15kV 100% 175mils EPR, (16-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)
E9HPM-1A6F01CA00	1/0	0.362	0.741	0.055	1.049	632

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