

EPR/CN/XLPE, Type Primary UD (Filled)

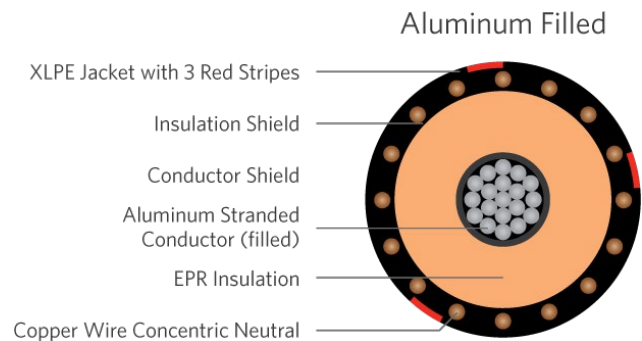
Part Number: E9JYM-A66F01CA00

DESCRIPTION

The Medium Voltage Primary Underground Distribution (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 sunlight resistant cross-linked polyethylene (XLPE) 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)
Conductor Strand Shield	Extruded thermoset Semi-conducting polymer
Insulation	Ethylene Propylene Rubber (EPR)
Neutral	Solid copper wires
Jacket	Cross-Linked Polyethylene (XLPE)

Packaging	Non-returnable reels
	ASTM B-3
	ASTM B-230
	ASTM B-231
Performance Compliance	ICEA S-94-649
	AEIC CS8
	UL 1072 (MV-105)
	RUS U1

1C 500kcmil 37-wires Aluminum (filled), 15kV 133% 220mils EPR, (25-wires copper x 10AWG) full concentric neutral, XLPE 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)
E9JYM-A66F01CA00	500	0.773	25 x 10AWG (FCN)	1.260	0.055	1.58	1,910

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