

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

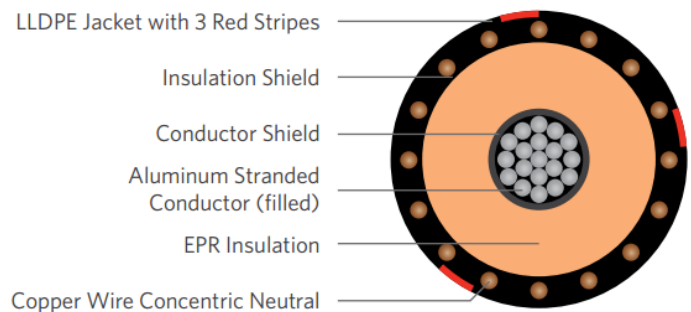
Part Number: E9JPT-2A6F01CA00

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, 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	Extruded thermoset	Performance	ASTM B-3
Strand Shield	Semi-conducting polymer	Compliance	ASTM B-230
Insulation	Ethylene Propylene Rubber (EPR)		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 2/0AWG 19-wires Aluminum (Filled), 15kV 133% 220mils EPR, (7-wires copper x 14AWG) 1/3 reduced concentric neutral, LLDPE 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)
E9JPT-2A6F01CA00	2/0	0.401	7 x 14AWG	0.89	0.055	1.20	625

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