

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

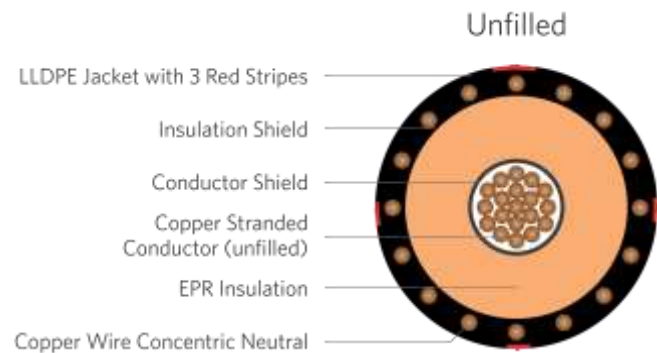
Part Number: E9JPT-1A1B01CA00

DESCRIPTION

The Medium Voltage Primary Underground Distribution (UD) cables consists of a Copper unfilled 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	Annealed bare copper compressed stranded Class B (unfilled)
Conductor	Extruded thermoset
Strand Shield	Semi-conducting polymer
Insulation	Ethylene Propylene Rubber (EPR)
Neutral	Solid copper wires
Jacket	Linear Low-Density Polyethylene

Packaging	Non-returnable reels
Performance	ASTM B-3
Compliance	ASTM B-230
	ASTM B-231
	ICEA S-94-649
	AEIC CS8
	UL 1072 (MV-90)
	RUS U1

1C; 1/0 AWG; 19-wires Copper (unfilled), 15kV 133% 220mils EPR, (9-wires copper x 14 AWG) 1/3 reduced concentric neutral, LLDPE jacket

PART NUMBER AND PHYSICAL CHARACTERISTICS

Part Number	Cond Size AWG/kcmil	Cond Diameter (in.)	Insulation thickness (in.)	Copper Concentric Neutral	Jacket Thickness (in.)	OD (in.)	Net Weight lbs./MFT
E9JPT-1A1B01CA00	1/0	.355	.837	9 x 14AWG	0.55	1.82	846

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