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

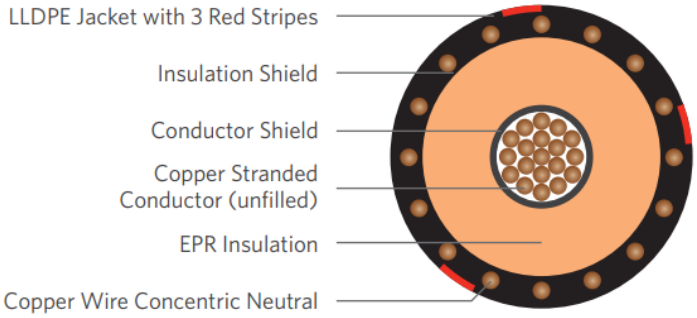
Part Number: E9LPT-A61B01CA00

DESCRIPTION

The Medium Voltage Primary Underground Distribution (UD) cables consist of a Copper stranded 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	Aluminum 1350 compressed lay 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 Compliance	ASTM B-3
	ASTM B-230
	ASTM B-231
	ICEA S-94-649
	AEIC CS8
	UL 1072 (MV-90)
	RUS U1

1C 500kcmil 37-wires Copper (unfilled), 25kV 133% 320mils EPR, (26-wires copper x 12AWG) 1/3 reduced concentric neutral, LLDPE jacket.

PART NUMBER AND PHYSICAL CHARACTERISTCS

Part Number	Cond Size AWG/kcmil	Cond Diameter (in.)	Insulation thickness (in.)	Copper Concentric Neutral	Jacket Thickness (in.)	OD (in.)	Net Weight lbs./MFT
E9LPT-A61B01CA00	500	0.781	1.465	26 x 12AWG	0.080	1.89	2,999

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