

## TR-XLPE/CN/LLDPE, Type Primary UD

28kV 100% 280 mils

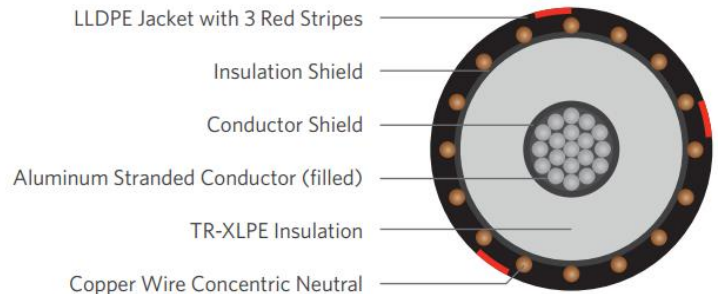
Part Number: E9PK

### 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
  - » 90° C for normal operations
  - » 130° C for emergency overload
  - » 250° C for short circuit



### SPECIFICATIONS

<b>Conductor</b>	Aluminum 1350 compressed lay stranded Class B (filled)	<b>Packaging</b>	Non-returnable reels
<b>Conductor</b>	Extruded thermoset	<b>Performance</b>	ASTM B-3
<b>Strand Shield</b>	Semi-conducting polymer	<b>Compliance</b>	ASTM B-230
<b>Insulation</b>	Tree-Retardant Cross-linked Polyethylene (TR-XLPE)		ASTM B-231
<b>Neutral</b>	Solid copper wires		ICEA S-94-649
<b>Jacket</b>	Linear Low-Density Polyethylene		AEIC CS8
			UL 1072 (MV-90)
			RUS U1

### PART NUMBER AND PHYSICAL CHARACTERISTICS

Part Number	Cond Size AWG/kcmil	Cond Diameter in	Insulation Diameter Inches	Copper Concentric Neutral	Jacket Thickness inches	OD inches	Net Weight lbs/mft
<b>Full Neutral</b>							
E9PKM-1A6F01CA00	1/0	0.358	0.958	16 x 14 AWG	0.055	1.258	828
<b>Reduced neutral</b>							
E9PKT-A66F01CA0x	500	0.781	1.398	16 x 12 AWG	0.055	1.770	1719
E9PKT-B26F01CA0x	750	0.958	1.588	24 x 12 AWG	0.055	2.023	2348

This is an alternative neutral configuration from our standard, "x" in the part number to be assigned at order placement.

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

Other designs available upon request

