

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

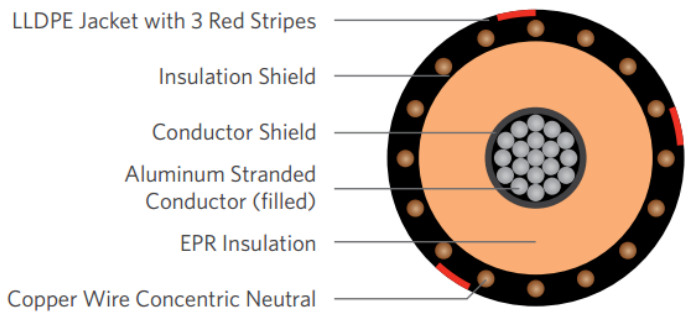
Part Number: E9KPT-4A6F01CA0x---“special concentric neutral configuration”

### 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 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

<b>Conductor</b>	Aluminum 1350 compressed lay stranded Class B (filled)
<b>Conductor Strand Shield</b>	Extruded thermoset Semi-conducting polymer
<b>Insulation</b>	Ethylene Propylene Rubber (EPR)
<b>Neutral</b>	Solid copper wires
<b>Jacket</b>	Linear Low-Density Polyethylene (LLDPE) with water swell-able powder under jacket

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

**1C 4/0AWG 19-wires Aluminum (filled), 25kV 100% 260mils EPR, (12-wires copper x 14AWG) “special” reduced concentric neutral, with moisture block under 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)
E9KPT-4A6F01CA2x	4/0	.502	(12 x #14awg)	1.06	.055	1.39	932

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