

**TR-XLPE/CN/LLDPE, Type Primary UD (Filled)**

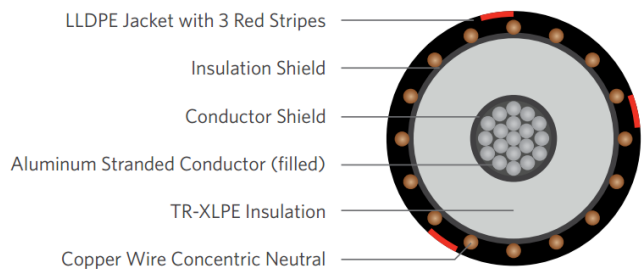
Part Number: E9KKV-4A6F01CA20

**DESCRIPTION**

The Medium Voltage Primary Underground Distribution (UD) cables consist of an Aluminum (filled) conductor, covered with tree-retardant cross-linked polyethylene (TR- XLPE), a reduced 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
  - » 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>Conductor Strand Shield</b>	Extruded thermoset Semi-conducting polymer
<b>Insulation</b>	Tree-Retardant Cross-linked Polyethylene (TR-XLPE)
<b>Insulation Shield</b>	Extruded thermoset Semi-conducting polymer
<b>Neutral</b>	Helically concentric wires
<b>Moisture Block</b>	Powder
<b>Jacket</b>	Linear Low-Density Polyethylene

<b>Packaging</b>	Non-returnable reels ASTM B-3 ASTM B-230 ASTM B-231
<b>Performance Compliance</b>	ICEA S-94-649 ICEA T-31-610 (filled) AEIC CS8 UL 1072 (MV-90) RUS U1 (upon request)

**1C 4/0AWG 19-wires Aluminum (filled), 25kV 100% 260mils TR-XLPE, (16-wires copper x 14AWG) 1/2 reduced concentric neutral, with moisture block under LLDPE jacket**

**PART NUMBER AND PHYSICAL CHARACTERISTICS**

Part Number	Conductor Size (AWG/kcmil)	Conductor Diameter (in.)	Insulation Diameter (in.)	Copper Concentric Neutral	Jacket Thickness (in.)	OD (in.)	Net Weight (Lbs./MFT)
E9KKV-4A6F01CA20	4/0	0.502	1.060	16 x 14AWG (1/2 RCN)	0.055	1.390	926

The dimensions and weights shown are nominal and subject to industry standards. Other designs available upon request.