

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

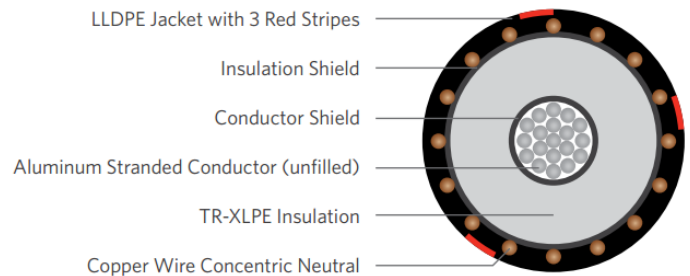
Part Number E9LKM-4A3F01CA00

DESCRIPTION

The Medium Voltage Primary Underground Distribution (UD) cables consist of an Aluminum (unfilled) conductor, covered with tree-retardant cross-linked polyethylene (TR- XLPE), a Full 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
- Designed to operate continuously at a conductor temperature not exceeding
 - » 90°C for normal operations
 - » 130°C for emergency overload
 - » 250°C for short circuit



SPECIFICATIONS

Conductor	Aluminum 1350 compressed Lay stranded Class B (unfilled)
Conductor Strand Shield	Extruded thermoset semi-conducting polymer over the conductor
Insulation	Tree-Retardant Cross-linked Polyethylene (TR-XLPE)
Neutral	Helically applied copper wires
Jacket	Linear Low-Density Polyethylene

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

1C 4/0AWG 19-wires Al (unfilled), 25kV 133% 320-mils TR-XLPE, (32-wires copper x 14AWG) full concentric neutral, with 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)
E9LKM-4A3F01CA00	4/0	0.502	32 x 14AWG (FCN)	1.180	0.055	1.51	1,220

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