TR-XLPE/CN/LLDPE Power, MV-90 Type Primary UD (Filled)

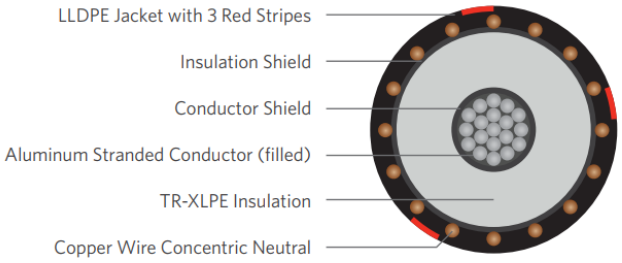
Part Number: E9LKM-1A6F01CA00

DESCRIPTION

The Medium Voltage Primary Underground Distribution (UD) cables consist of an Aluminum stranded filled conductor, covered with Tree Retardant Cross-Linked (TR-XLPE), 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

Conductor	Aluminum 1350 Stranded, Class B (filled)
Conductor Strand Shield	Extruded thermoset Semi-conducting polymer
Insulation	Cross-Linked Polyethylene (TR-XLPE)
Neutral	Helically applied solid copper wires
Jacket	Linear Low-Density Polyethylene

Packaging	Non-returnable reels
Performance Compliance	ASTM B-3 ASTM B-230 ASTM B-609 ICEA S-94-649 AEIC CS8 UL 1072 (MV-90) RUS U1

1C 1/0AWG 19-wires Stranded filled Aluminum, 25kV 133% 320mils TR-XLPE, (16-wires copper x 14AWG) full concentric neutral, 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)
E9LKM-1A6F01CA00	1/0	0.355	1.030	16 x 14AWG (FCN)	0.055	1.360	843

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