TR-XLPE/CN/LLDPE, Type Primary UD

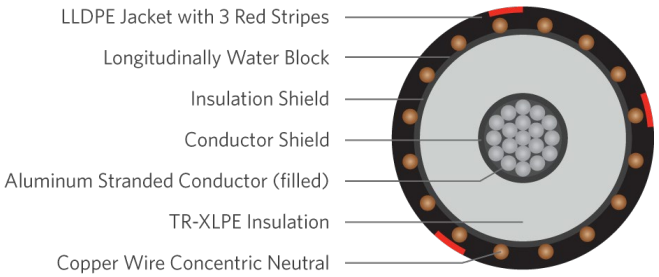
Part Number E9KKM-1A6F01CA2X

DESCRIPTION

The Medium Voltage Primary Underground Distribution (UD) cables consists of an aluminum (Filled) conductor, covered with tree-retardant cross-linked polyethylene (TR- XLPE), 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
- Jacket is sunlight resistant, meeting the 720-hr exposure test
- Designed to operate continuously at a conductor temperature not exceeding
  - » 105°C for normal operations
  - » 140°C for emergency overload
  - » 250°C for short circuit



SPECIFICATIONS

Conductor	Aluminum 1350 compressed stranded Class B (Filled)
Conductor Strand Shield	Extruded thermoset Semi-conducting polymer
Insulation	Tree-Retardant Cross-linked Polyethylene (TR-XLPE)
Moisture Block	Powder
Jacket	Linear Low-Density Polyethylene (LLDPE) with water swell-able powder under jacket

Packaging	Non-returnable reels
Performance	ASTM B-3, B-230, B-231
Compliance	ICEA S-94-649 ICEA T-31-610 AEIC CS8 RUS U1

1C 1/0AWG 19-wires Aluminum (Filled), 25kV 100% 260mils TR-XLPE, (16-wires copper x 14AWG) full 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)
Design with filled stranded aluminum							
E9KKM-1A6F01CA2X	1/0	0.362	16 x 14AWG (FCN)	0.930	0.055	1.230	732

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