TR-XLPE/CN/LLDPE, Type Primary UD

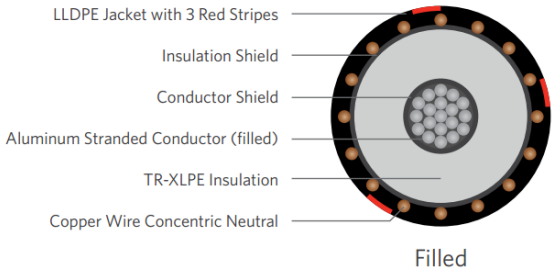
Part Number: E9NKT-1A6F01CA00

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 concentric neutral of helically applied copper wires, and a sunlight resistant 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
  - » 90°C for normal operations
  - » 130°C for emergency overload
  - » 250°C for short circuit



Filled

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)
Neutral	Concentric Neutral
Jacket	Linear Low-Density Polyethylene

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 UL 1072 (MV-90)

1/C 1/0AWG 19-wires Aluminum (Filled), 35kV 133% 420mils TR-XLPE, (6-wires copper x 14AWG) 1/3 reduced 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
Design with filled stranded aluminum							
E9NKT-1A6F01CA00	1/0	0.358	1.25	6 x 14AWG (1/3rcn)	0.055	1.55	1,011

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