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

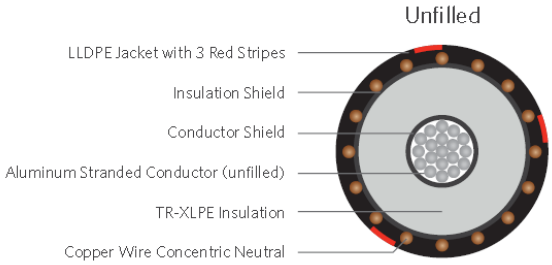
Part Number: E9JKT-A63T01CA00

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 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 compressed Lay stranded Class B (Unfilled)
Conductor	Extruded thermoset Super Smooth
Strand Shield	Semi-conducting polymer
Insulation	Tree-Retardant Cross-linked Polyethylene (TR-XLPE)
Insulation Shield	Carbon Black Filled Cross-Linkable Compound
Neutral	Solid copper wires
Jacket	Linear Low-Density Polyethylene

Packaging	Non-returnable reels
Performance	ASTM B-3
Compliance	ASTM B-230 ASTM B-231 ICEA S-94-649 ICEA T-31-610 (water block compliant) AEIC CS8 UL 1072 (MV-90) RUS U1

1C 500kcmil 19-wires Aluminum (Unfilled), 15kV 133% 220mils TR-XLPE, (25-wires copper x 14AWG) 1/3 reduced concentric neutral, LLDPE jacket.

PART NUMBER AND PHYSICAL CHARACTERISTCS

Part Number	Cond Size AWG/kcmil	Cond Diameter (in.)	Insulation Diameter (in.)	Copper Concentric Neutral	Jacket Thickness (in.)	OD (in.)	Net Weight lbs./MFT
E9JKT-A63T01CA00	500	0.736	1.22	25 x 14AWG	0.055	1.55	1,356

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