TR-XLPE/CN/LLDPE, Type Primary UD

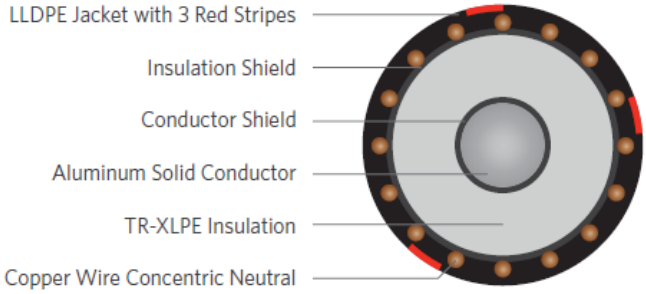
Part Number: E9JKM-023S01CA00

DESCRIPTION

The Medium Voltage Primary Underground Distribution (UD) cables consist of an Aluminum solid conductor, covered with Tree Retardant Cross-Linked (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
- 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 Solid
Conductor	Extruded thermoset
Strand Shield	Semi-conducting polymer (Dow HFDA0802)
Insulation	Cross-Linked Polyethylene (TR-XLPE) (Dow HFDC4202)
Insulation Shield	Carbon Black Filled Cross-Linkable Compound (Dow HFDA0693)
Neutral	Solid copper wires
Moisture Block	Powder
Jacket	Linear Low-Density Polyethylene (with water swell-able powder under jacket)

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

1C 2AWG Solid Aluminum, 15kV 133% 220mils TR-XLPE, (10-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.)	Insulation Diameter (in.)	Copper Concentric Neutral	Jacket Thickness (in.)	OD (in.)	Net Weight (lbs./MFT)
E9JKM-023S01CA00	2	0.258	0.745	10 x 14AWG	0.055	1.055	531

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