

TR-XLPE/CN/LLDPE, Type Primary UD

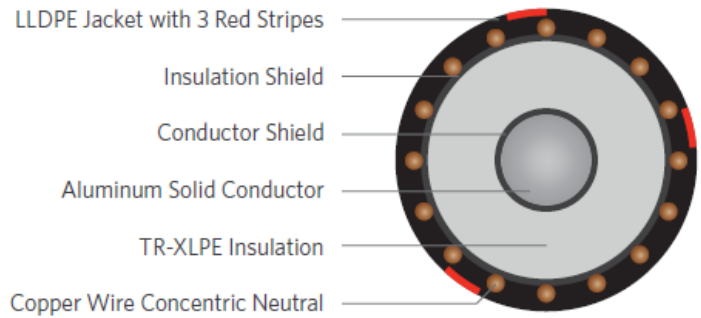
Part Number: E9JKM-013S01CA20

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	Packaging	Non-returnable reels
Conductor	Extruded thermoset	Performance	ASTM B-3
Strand Shield	Semi-conducting polymer	Compliance	ASTM B-230
Insulation	Cross-Linked Polyethylene (TR-XLPE)		ASTM B-609
Neutral	Solid copper wires		ICEA S-94-649
Moisture Block	Powder		AEIC CS8
Jacket	Linear Low-Density Polyethylene		UL 1072 (MV-90)
			RUS U1

1C 1AWG Solid Aluminum, 15kV 133% 220mils TR-XLPE, (13-wires copper x 14AWG) full concentric neutral, LLDPE jacket.

PART NUMBER AND PHYSICAL CHARACTERISTICS

Part Number	Cond Size AWG/kcmil	Cond Diameter (in.)	Insulation Diameter (in.)	Copper Concentric Neutral	Jacket Thickness (in.)	OD (in.)	Net Weight lbs./MFT
E9JKM-013S0CA20	1	0.289	0.765	13 x 14AWG	0.055	1.0832	546

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