

TR-XLPE/CN/LLDPE, Type Primary UD (filled) – Silicone Free

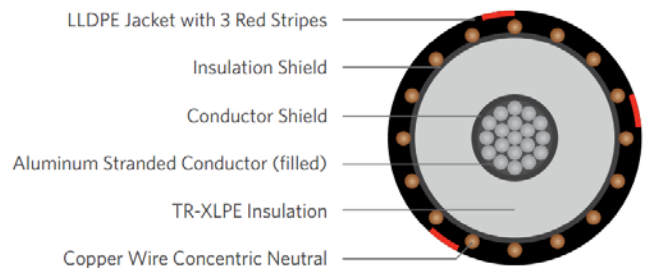
Part Number: E9JKT-1A6F01CA20

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 reduced concentric neutral of helically applied copper wires, and a water blocked 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 (filled)	Packaging	Non-returnable reels
Conductor Strand Shield	Extruded thermoset Semi-conducting polymer		ASTM B-3 ASTM B-230 ASTM B-231
Insulation	Tree-Retardant Cross-linked Polyethylene (TR-XLPE)	Performance Compliance	ICEA S-94-649 ICEA T-34-664 AEIC CS8 UL 1072 (MV-90) RUS U1
Insulation Shield	Extruded thermoset Semi-conducting polymer		
Neutral	Helically concentric wires		
Jacket	Linear Low-Density Polyethylene		

1C 1/0 Aluminum (filled), 15kV 133% 220mils TR-XLPE, Third Reduced Concentric Neutral, moisture blocked LLDPE Jacket

PART NUMBER AND PHYSICAL CHARACTERISTICS								
Part Number	Conductor Size (AWG)	Conductor Diameter (in.)	Insulation Diameter (in.)	Copper Concentric Neutral	Jacket Thickness (in.)	Overall Diameter (in.)	Net Weight (Lbs./MFT)	Amp* (Direct Buried)
E9JKT-1A6F01CA20	1/0	0.362	0.840	6 x 14AWG	0.055	1.16	560	215

The dimensions and weights shown are nominal and subject to industry standards. Other designs available upon request.
 Ampacity: NEC Table 310.60 (C)(82) Direct buried on Ambient Earth Temperature of 20C, RHO of 90