

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

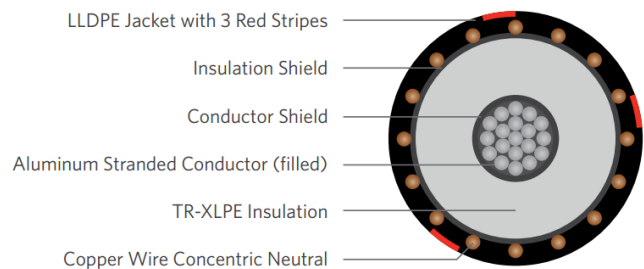
Part Number: E9JKT-A66F01CA01

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 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)
Conductor Strand Shield	Extruded thermoset Semi-conducting polymer
Insulation	Tree-Retardant Cross-linked Polyethylene (TR-XLPE)
Insulation Shield	Extruded thermoset Semi-conducting polymer
Neutral	Helically concentric wires
Jacket	Linear Low-Density Polyethylene

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

1C 500kcmil 37-wires Aluminum (filled), 15kV 133% 220mils TR-XLPE, (16-wires copper x 12AWG) 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)
E9JKT-A66F01CA01	500	0.773	1.260	16 x 12AWG (1/3RCN)	0.055	1.580	1,380

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