

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

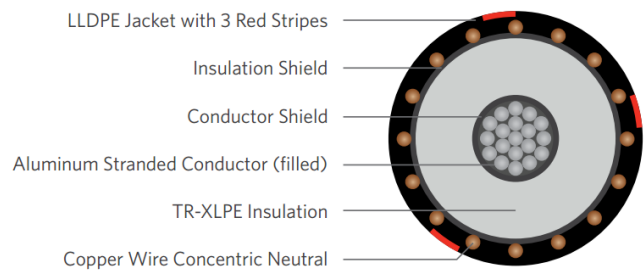
Part Number: E9KKJ-B56F01CA00

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)	Packaging	Non-returnable reels
Conductor Strand Shield	Extruded thermoset Semi-conducting polymer		ASTM B-3
Insulation	Tree-Retardant Cross-linked Polyethylene (TR-XLPE)		ASTM B-230
Insulation Shield	Extruded thermoset Semi-conducting polymer	Performance Compliance	ASTM B-231
Neutral	Helically concentric wires		ICEA S-94-649
Jacket	Linear Low-Density Polyethylene		ICEA T-31-610 (filled)
			AEIC CS8
			UL 1072 (MV-90)
			RUS U1 (Upon request)

1C 1000kcmil 61-wires Aluminum (filled), 25kV 100% 260mils TR-XLPE, (25-wires copper x 14AWG) 1/6 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)
E9KKJ-B56F01CA00	1000	1.100	1.670	25 x 14AWG (1/6RCN)	0.080	2.08	2,236

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