

EPR/CN/LLDPE, Type Primary UD

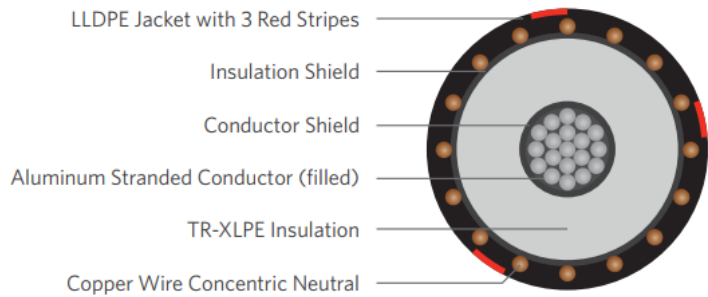
Part Number: E9JKM-1A6F01CA0x

DESCRIPTION

The Medium Voltage Primary Underground Distribution (UD) cables consist of an Aluminum stranded Filled conductor, covered with Tree Retardant Cross-Linked (TR-XLPE), a 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 Stranded, Class B Filled
Conductor Strand Shield	Extruded thermoset Semi-conducting polymer
Insulation	Cross-Linked Polyethylene (TR-XLPE)
Neutral	Helically applied solid copper wires
Jacket	Linear Low-Density Polyethylene

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

1C 1/0AWG Stranded Aluminum, 15kV 133% 220mils TR-XLPE, (16-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 inches	Copper Concentric Neutral	Jacket Thickness inches	OD inches	Net Weight lbs/mft
E9JKM-1A6F01CA0x	1/0	0.358	0.850	16 x 14AWG	0.055	1.15	678

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