

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

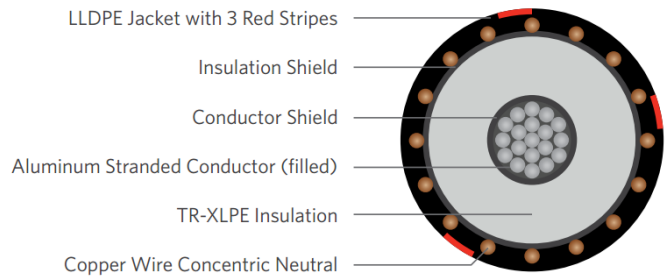
Part Number: E9HKM-1A6F01CA00

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

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

1C 1/0AWG 19-wires Aluminum (filled), 15kV 100% 175mils 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 in	Concentric Neutral No. x AWG	Jacket Thickness inches	OD inches	Net Weight lbs/mft
E9HKM-1A6F01CA00	1/0	0.358	0.760	16 x 14	0.055	1.06	609

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