

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

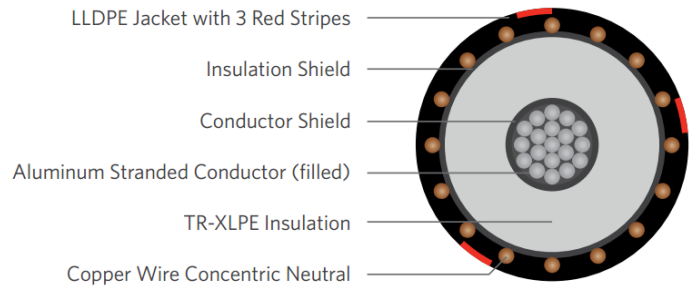
Part Number: E9HKV-1A6F01CA00

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 (filled)
Conductor Strand Shield	Extruded thermoset Super-Smooth Semi-conducting polymer
Insulation	Tree-Retardant Cross-linked Polyethylene (TR-XLPE)
Neutral	Solid copper wires helically applied
Jacket	Linear Low-Density Polyethylene

Packaging	Non-returnable reels
Compliance	ASTM B3
Performance	ASTM B-230 ASTM B-231 ICEA S-94-649 AEIC CS8 UL 1072 (MV-90) RUS U1

1C 1/0AWG 19-wires Aluminum (filled), 15kV 100% 175mils TR-XLPE, (8-wires copper x 14AWG) ½ reduced concentric neutral, LLDPE jacket.

PART NUMBER AND PHYSICAL CHARACTERISTICS

Part Number	Cond Size AWG	Cond Diameter in	Insulation Diameter in	Copper Concentric Neutral	Jacket Thickness inches	OD inches	Net Weight lbs/mft
E9HKV-1A6F01CA00	1/0	0.358	0.760	8 x 14AWG	0.055	1.06	501

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