

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

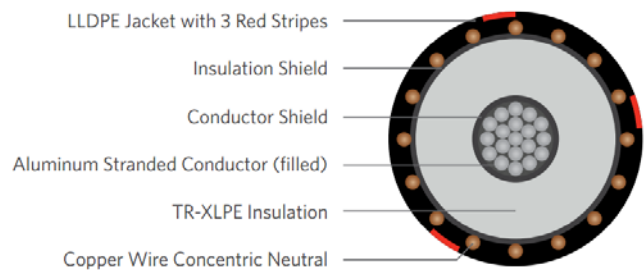
Part Number: E9HKT-4A6F01CA00

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 (unfilled)
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
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 (Upon Request)

1C 4/0AWG 19-wires Aluminum (filled), 15kV 100% 175mils TR-XLPE, (11-wires copper x 14AWG) 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)
E9HKT-4A6F01CA00	4/0	0.507	0.910	11 x 14AWG	0.055	1.21	716

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