

Silicone Free TR-XLPE/CN/LLDPE, MV-90 Type Primary UD (Solid AL-1350)

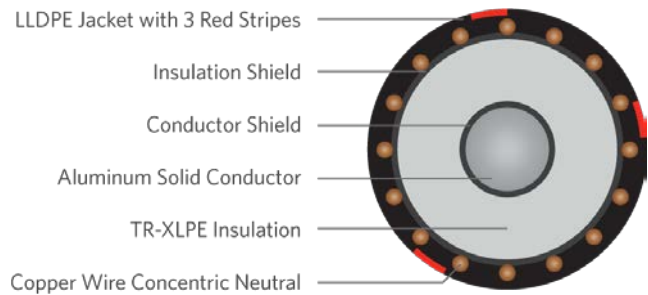
Part Number E9KKT-1A3S01CA00

DESCRIPTION

The Medium Voltage Primary Underground Distribution (UD) cables consist of an Aluminum Solid conductor, tree-retardant cross-linked polyethylene (TR- XLPE) insulation, 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 solid	Packaging	Non-returnable reels
Conductor	Extruded thermoset Super Smooth		ASTM B-3
Strand Shield	Semi-conducting polymer		ASTM B-230
Insulation	Tree-Retardant Cross-linked Polyethylene (TR-XLPE)	Performance	ASTM B-231
Neutral	Helically applied copper wires	Compliance	ICEA S-94-649
Jacket	Linear Low-Density Polyethylene		AEIC CS8
			UL 1072 (MV-90)

PART NUMBER AND PHYSICAL CHARACTERISTICS

Part Number	Cond Size AWG/kcmil	Cond Diameter In	Copper Concentric Neutral	Insulation Diameter in	Jacket Thickness inches	OD inches	Net Weight lbs/mft
E9KKT-1A3S01CA00	1/0	0.362	6 x 14AWG (1/3RCN)	0.900	0.055	1.17	579

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