

TR-XLPE/CN/LLDPE, Type Primary UD, 35kV 100%, 345-mils

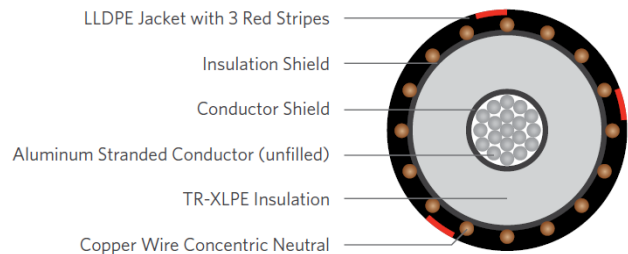
Part Number: E9MKT-1A3F01CA00

DESCRIPTION

The Superior Essex Medium Voltage Primary Underground Distribution (UD) cables consist of an Aluminum (unfilled) 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
- Jacket is sunlight resistant, meeting the 720-hr exposure test
- Designed to operate continuously at a conductor temperature not exceeding
 - » 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 Super-Smooth Semi-conducting polymer
Insulation	Tree-Retardant Cross-linked Polyethylene (TR-XLPE)
Neutral	Solid copper wires
Jacket	Linear Low-Density Polyethylene

Packaging	Non-returnable reels ASTM B-3, B-230, B-231 ICEA S-94-649 AEIC CS8
Performance Compliance	UL 1072 (MV-90) RUS U1 (upon request)

1C 1/0AWG 19-wires Aluminum (unfilled), 35kV 100% 345mils TR-XLPE, (6-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.)	Copper Concentric Neutral	Insulation Diameter (in.)	Jacket Thickness (in.)	OD (in.)	Net Weight (lbs.MFT)
E9MKT-1A3F01CA00	1/0	0.358	6 x 14AWG (1/3RCN)	1.10	0.055	1.40	792

The dimensions and weights shown are nominal and subject to industry standards.