

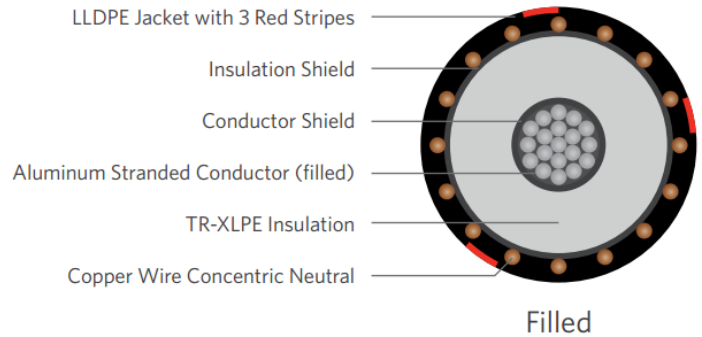
## TR-XLPE/CN/LLDPE, Type Primary UD Series E9MK – 35kV 100% 345mils

### DESCRIPTION

The Superior Essex 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 sunlight resistant 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



### SPECIFICATIONS

<b>Conductor</b>	Aluminum 1350 compressed stranded Class B (filled)
<b>Conductor Strand Shield</b>	Extruded thermoset Semi-conducting polymer
<b>Insulation</b>	Tree-Retardant Cross-linked Polyethylene (TR-XLPE)
<b>Neutral</b>	Concentric Neutral
<b>Jacket</b>	Linear Low-Density Polyethylene

<b>Packaging</b>	Non-returnable reels
<b>Performance</b>	ASTM B-3, B-230, B-231
<b>Compliance</b>	ICEA S-94-649 ICEA T-31-610 AEIC CS8 RUS U1 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
<b>Design with filled stranded aluminum</b>							
E9MKU-1A6F01CA00	1/0	0.358	11 x 14AWG (2/3RCN)	1.10	0.055	1.40	799
E9MKV-4A6F01CA00	4/0	0.507	16 x 14AWG (1/2RCN)	1.26	0.055	1.58	1077
E9MKT-A66F01CA00	500	0.781	25 x 14AWG (1/3RCN)	1.54	0.080	1.94	1762
E9MKJ-B56F01CA00	1000	1.106	25 x 14AWG (1/6RCN)	1.88	0.080	2.37	2485
E9MKJ-B86F01CA00	1250	1.238	31 x 14AWG (1/6RCN)	2.05	0.080	2.58	2749

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