

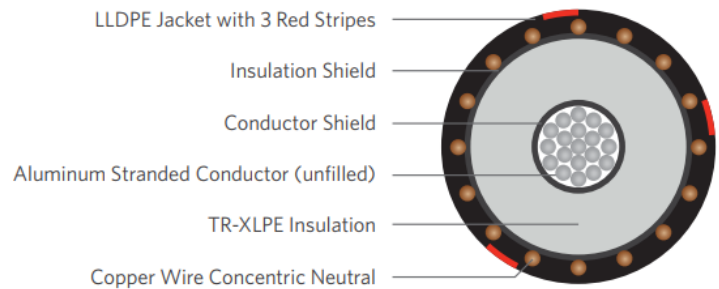
TR-XLPE/CN/LLDPE, Type Primary UD
Series E9MK – 35kV 100% 345mils

DESCRIPTION

The 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 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

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

Packaging	Non-returnable reels
Performance	ASTM B-3, B-230, B-231
Compliance	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	Insulation Diameter in	Copper Concentric Neutral	Jacket Thickness inches	OD inches	Net Weight lbs/mft
E9MKT-1A3F01CA00	1/0	0.358	1.10	6x14AWG (1/3)	0.055	1.40	738
E9MKT-4A3F01CA00	4/0	0.507	1.26	11x14AWG (1/3)	0.055	1.58	1017
E9MKT-A63F01CA00	500	0.781	1.54	25x14AWG (1/3)	0.080	1.94	1759
E9MKT-B23F01CA00	750	0.958	1.73	24x12AWG (1/3)	0.080	2.18	2325
E9MKT-B53F01CA00	1000	1.106	1.88	31x12AWG (1/3)	0.080	2.37	2797
E9MKT-B83F01CA00	1250	1.238	2.05	24x10AWG (1/3)	0.080	2.58	3387

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