

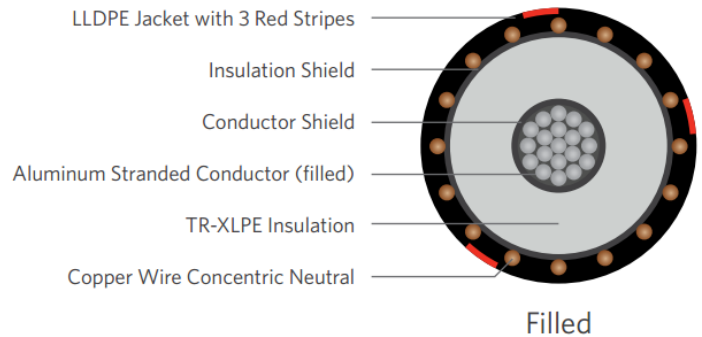
TR-XLPE/CN/LLDPE, Type Primary UD Series E9MK – 35kV 100% 345mils

DESCRIPTION

The Medium Voltage Primary Underground Distribution (UD) cables consist of an aluminum (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
- Excellent resistance to treeing
- Jacket is sunlight-resistance
- Designed to operate
 - » 105°C for normal operations
 - » 140°C for emergency overload
 - » 250°C for short circuit



SPECIFICATIONS

Conductor	Aluminum 1350 compressed stranded Class B (filled)
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
Design with filled stranded aluminum							
E9MKV-2A6F01CA00	2/0	0.401	1.15	10 x 14AWG (1/2RCN)	1.47	1.47	808
E9MKJ-A66F01CA00	500	0.781	1.54	13 x 14AWG (1/6RCN)	1.94	1.94	1623
E9MKS-B86F01CA00	1250	1.238	2.05	16 x 14AWG (1/12RCN)	2.58	2.58	2717

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