

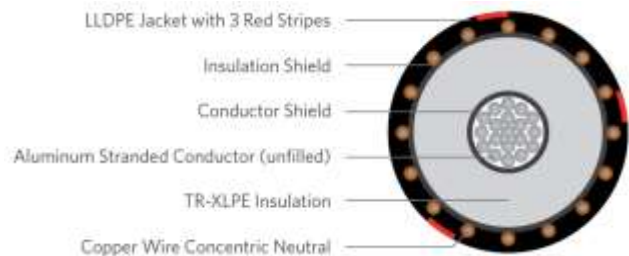
TR-XLPE/CN/LLDPE, Type Primary UD, 35kV 100%, 345-mils; 1/6th CN Series E9MKJ – (see specific dimensions below) 1/6th CN

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 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 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
Performance Compliance	AEIC CS8 UL 1072 (MV-90) RUS U1

1C; Aluminum (unfilled), 35kV, 100%, 345-mils TR-XLPE, 1/6th reduced concentric neutral, with a 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)
E9MKJ-B23F01CA00	750KCM	.949	19 X #14cu	1.69	.080	2.10	2,053
E9MKJ-B53F01CA00	1000KCM	1.10	25 X #14Cu	1.84	.080	2.24	2,462
E9MKJ-B83F01CA00	1250KCM	1.22	31 x #14CU	1.98	.080	2.39	2,871

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