

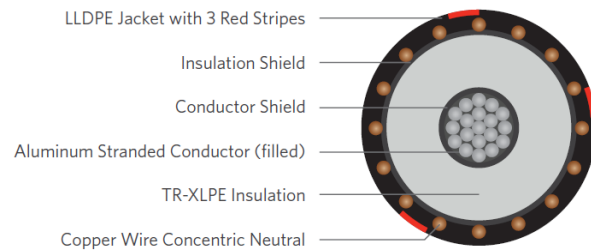
TRXLPE/CN/LLDPE, Type MV-90, Primary UD, 35kV 100%, 345-mils Single Conductor Aluminum (filled), Concentric Neutral

DESCRIPTION

Medium Voltage Primary Underground Distribution (UD) cables consist of an Aluminum (filled) conductor, covered with tree-retardant cross-linked polyethylene (TRXLPE), a concentric neutral of helically applied copper wires, and a linear low-density polyethylene (LLDPE) jacket with 3 extruded red stripes.

APPLICATIONS

- Suitable for underground primary power applications: direct burial or in duct.
- For wet or dry locations
- Jacket is sunlight resistant
- Excellent resistance to treeing
- 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



SERIES E9MK

CONSTRUCTION

CONDUCTOR	1350 AL, Class B Strand (filled)
STRAND SHIELD	Thermoset semi-conducting polymer
INSULATION	Tree-retardant cross-linked Polyethylene (TRXLPE)
INSULATION SHIELD	Thermoset semi-conducting polymer
SHIELD	Helically applied, annealed solid bare copper wires
JACKET	Linear Low Density Polyethylene (LLDPE), Blocked, Three red Stripes
PACKAGING	Non-returnable reels

STANDARDS (Compliance)

PERFORMANCE	AEIC CS8 ASTM B3 ASTM B231 ICEA S-94-649 ICEA T-31-610 UL 1072 (MV-90) RUS U1
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SPECIFICATIONS

Part Number	Conductor Size AWG or kcmil	Conductor Diameter (in)	Copper Concentric Neutrals	Insulation Diameter (in)	Jacket Thickness (in)	O.D. (in)	Net Weight (lbs / Mft)
E9MKV-4A6F01CA01	4/0	0.512	11X12	1.228	0.050	1.579	1,126

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

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SPECIFICATIONS cont'd							
Part Number	Conductor Size AWG or kcmil	Conductor Diameter (in)	Copper Concentric Neutrals	Insulation Diameter (in)	Jacket Thickness (in)	O.D. (in)	Net Weight (lbs / Mft)
E9MKX-A66F01CA00	500	0.789	11X12AWG	1.507	0.080	1.949	1,710
E9MKW-B56F01CA00	1000	1.117	19X14AWG	1.837	0.080	2.245	2,401
E9MKZ-B86F01CA00	1250	1.250	12X12AWG	1.975	0.080	2.417	2,796

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