

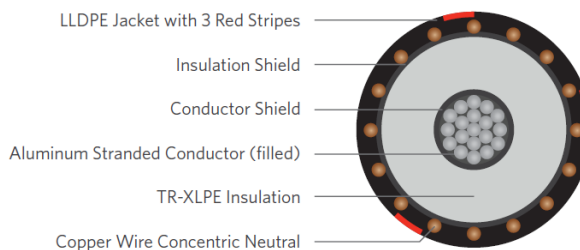
TRXLPE/CN/LLDPE, Type MV-90, Primary UD, 35kV 100%, 345-mils E9MKW-B56F01CA00 - Single Conductor Aluminum (filled), Concentric Neutral

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
--------------------	---

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.

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

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.