

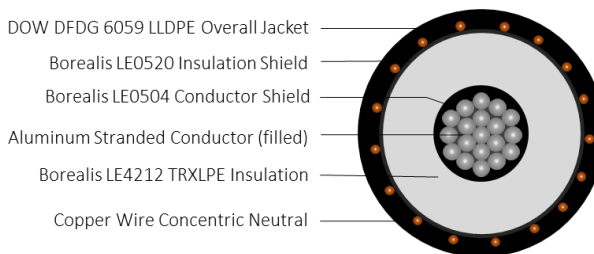
TRXLPE/CN/LLDPE, Type MV-90, Primary URD, 35kV 100%, 345mils
Single Conductor, Filled Aluminum, 16 x 12AWG Round Concentric Neutrals
 Item #: 432442

DESCRIPTION

Medium Voltage Primary Underground Distribution (URD) 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.

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



CABLE DRAWING

CONSTRUCTION

CONDUCTOR	1350 Aluminum, Class B Compressed Strand (filled with Chase A162A Moisture Block)
STRAND SHIELD	Thermoset semi-conducting polymer (Borealis LE0504)
INSULATION	Tree-retardant cross-linked Polyethylene (TRXLPE) (Borealis LE4212)
INSULATION SHIELD	Thermoset semi-conducting polymer (Dow LE0520)
SHIELD	Helically applied, annealed solid bare copper wires
JACKET	Linear Low Density Polyethylene (LLDPE)

STANDARDS (Compliance)

PERFORMANCE	AEIC CS8
	ASTM B3
	ASTM B231
	ICEA S-94-649
	ICEA T-31-610

SPECIFICATIONS

Part Number	Conductor Size (Kcmil)	Conductor Diameter (in)	Nominal Insulation Diameter (in)	Copper Concentric Neutrals	Nominal Jacket Thickness (in)	Nominal Overall Diameter (in)	Nominal Net Weight (lbs / Mft)
E9MRT-A66F01CABC	500	0.789	1.52	16 x #12	0.080	1.95	1,805

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