

## TRXLPE/CN/LLDPE, Type MV-90, Primary URD, 15kV 100%, 175mils Single Conductor, Filled Aluminum, 8 x 14AWG Round Concentric Neutrals

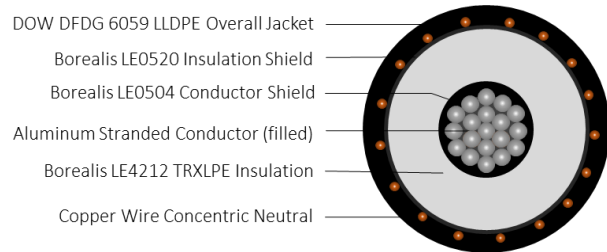
Item #: 432435

### 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

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

### STANDARDS (Compliance)

<b>PERFORMANCE</b>	AEIC CS8
	ASTM B3
	ASTM B231
	ICEA S-94-649
	ICEA T-31-610

### SPECIFICATIONS

Part Number	Conductor Size (AWG)	Conductor Diameter (in)	Nominal Insulation Diameter (in)	Copper Concentric Neutrals	Nominal Jacket Thickness (in)	Nominal Overall Diameter (in)	Nominal Net Weight (lbs / Mft)
E9HRV-1A6F01CABC	1/0	0.362	0.748	8 x #14	0.055	1.07	525

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