

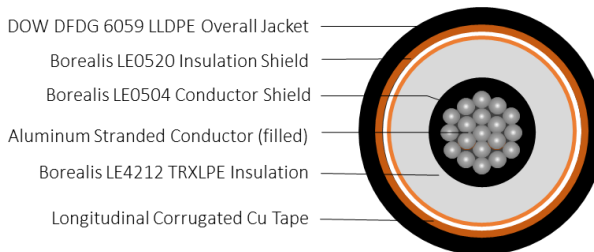
TRXLPE/CN/LLDPE, Type MV-90, Primary URD, 25kV 100%, 260mils
Single Conductor, Filled Aluminum, Longitudinal applied corrugated Cu tape
 Item #: 432443

DESCRIPTION

Medium Voltage Primary Underground Distribution (URD) cables consist of an Aluminum (filled) conductor, covered with tree-retardant cross-linked polyethylene (TRXLPE), a longitudinal applied corrugated Cu tape 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 | 8mil longitudinal applied corrugated Cu tape (LACT) |
| JACKET | Linear Low Density Polyethylene (LLDPE) |

STANDARDS (Compliance)

| | |
|--------------------|---------------|
| PERFORMANCE | AEIC CS8 |
| | ASTM B3 |
| | ASTM B231 |
| | ICEA S-97-682 |
| | ICEA T-31-610 |

SPECIFICATIONS

| Part Number | Conductor Size (Kcmil) | Conductor Diameter (in) | Nominal Insulation Diameter (in) | Metallic Shield | Nominal Jacket Thickness (in) | Nominal Overall Diameter (in) | Nominal Net Weight (lbs / Mft) |
|------------------|------------------------|-------------------------|----------------------------------|-----------------|-------------------------------|-------------------------------|--------------------------------|
| E8KRQ-B56F01CABC | 1000 | 1.117 | 1.67 | 8mil LACT | 0.080 | 1.98 | 1,975 |

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