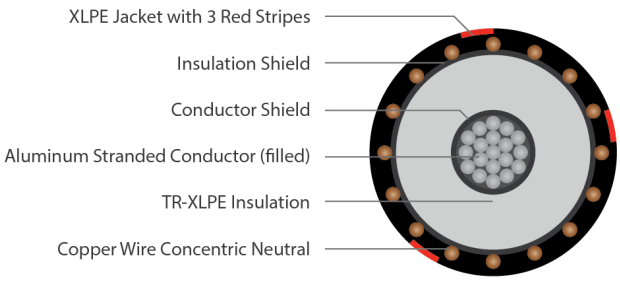
TRXLPE/CN/XLPE, Type MV-105, Primary UD, 25kV 133%, 320-mils
Single Conductor 4/0 AWG Aluminum, 1/3RCN

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 cross-linked polyethylene (XLPE) 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
  - » 105°C for normal operations
  - » 140°C for emergency overload
  - » 250°C for short circuit



SERIES E9LWT

CONSTRUCTION

CONDUCTOR	1350 AL, Class B Strand (filled with extrudable moisture blocking compound)
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

CONSTRUCTION cont'd

JACKET	Cross-linked Polyethylene (XLPE), Three red Stripes
PACKAGING	Wood reels

STANDARDS (Compliance)

PERFORMANCE	AEIC CS8 ASTM B3 ASTM B231 ICEA S-94-649 ICEA T-31-610 UL 1072 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)
E9LWT-4A6F01CA00	4/0	0.512	8x14AWG	1.179	0.055	1.50	940

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