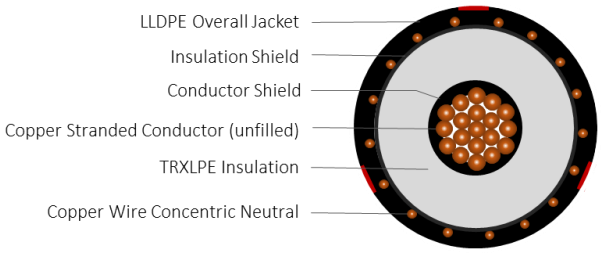
TR-XLPE/CN/LLDPE, Type MV-90, Primary UD, 35kV 100%, 345-mils
Single Conductor Un-Filled Copper - Silicone Free

DESCRIPTION
This specification covers cables that consist of Copper unfilled conductor, covered with tree-retardant cross-linked polyethylene (TR-XLPE), a concentric neutral of helically applied copper wires and linear low density poly-ethylene (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, meeting the 720-hr exposure test
- 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



CONSTRUCTION

CONDUCTOR	Annealed bare Copper (unfilled) Class B Strand Compact
STRAND SHIELD	Thermoset semi-conducting polymer
INSULATION	Tree-Retardant Cross-Linked Polyethylene (TR-XLPE)
INSULATION SHIELD	Thermoset semi-conducting polymer
SHIELD	Helically applied, annealed solid bare copper wires
JACKET	Linear low-density polyethylene (LLDPE)
PACKAGING	Non-returnable reels

STANDARDS (Compliance)

PERFORMANCE	AEIC CS8 ASTM B-3 ASTM B-496 ICEA S-94-649 UL 1072

SPECIFICATIONS

Part Number	Conductor Size (kcmil)	Conductor Diameter (in)	Insulation Diameter (in)	Copper Concentric Neutrals	Jacket Thickness (in)	Overall Diameter (in)	Net Weight (lbs/kft)
E9MKM-A31T01CA00	350	0.616	1.35	27 x 9 AWG (FCN)	0.080	1.84	3,055

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