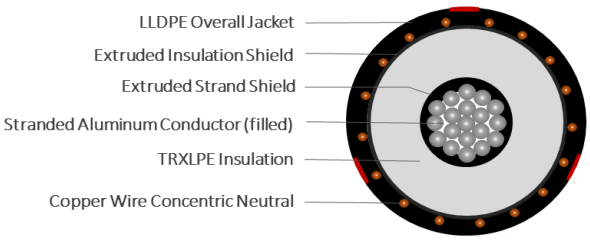
TR-XLPE/CN/LLDPE, Type MV-90, Primary UD, 15kV 133%, -Silicone Free
Single Conductor Filled Aluminum

DESCRIPTION
This specification covers cables that consist of Aluminum Filled conductor, covered with tree-retardant cross-linked polyethylene (TR-XLPE), a concentric neutral of helically applied copper wires, and a linear low density polyethyelene (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	1350 Aluminum (filled)
STRAND SHIELD	Thermoset semi-conducting polymer
INSULATION	Tree-retardant cross-linked polyethylene
INSULATION SHIELD	Thermoset semi-conducting polymer
SHIELD	Helically applied, annealed, solid bare copper wires
JACKET	Linear low-density polyethylene (LLDPE)
PACKAGING	Non-returnable wooden reels

STANDARDS (Compliance)	
PERFORMANCE	AEIC CS8 ASTM B-3 ASTM B-230 ASTM B-231 ICEA S-94-649 UL 1072 (MV-90)

SPECIFICATIONS

Part Number	Conductor Size	Conductor Diameter (in)	Insulation Diameter (in)	Metallic Shield	Jacket Thickness (in)	Overall Diameter (in)	Net Weight (lbs/kft)
E9JKM-4A6F01CA21	4/0 AWG	0.512	0.98	20 x 12 AWG (FCN)	0.055	1.33	1,068

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