

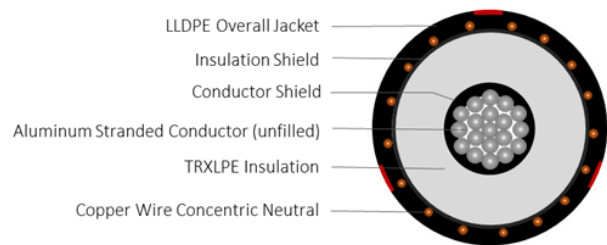
TR-XLPE/CN/LLDPE, Type MV-90, Primary UD, 35kV 133%, 420mils Single Conductor Un-Filled Aluminum - Silicone Free

DESCRIPTION

This specification covers cables that consist of aluminum un-filled conductor, covered with tree-retardant cross-linked polyethylene (TR-XLPE), a concentric neutral of helically applied copper wires, and linear low density polyethylene (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.
- 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



SERIES E9NK

CONSTRUCTION

CONDUCTOR	1350 Aluminum (unfilled) Class B Strand Compressed
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)
JACKET MARKING	00000 FT LS CABLE XXXKCMIL (or AWG) AL 1/C 35KV 133% INSUL LEVEL 420 MILS TRXLPE 'No. of Neutral' X # 'Neutral size' LLDPE JKT MV-90 (UL) MADE IN USA MM/DD/YYYY (LIGHTNING BOLT SYMBOL)
PACKING	Non-returnable reels

STANDARDS (Compliance)

PERFORMANCE	AEIC CS8 ASTM B3 ASTM B230 ASTM B231 ICEA S-94-649 UL 1072 NEC
OTHER	EPA 40 CFR, Part 261 OSHA

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Single Conductor Un-Filled Aluminum - Silicone Free**

SPECIFICATIONS							
Part Number	Conductor Size (AWG or kcmil)	Conductor Diameter (in)	Insulation Diameter (in)	Metallic Shield	Jacket Thickness (in)	Approx. O.D (in)	Approx. Weight (lbs/kft)
E9NKM-1A3F01CA00	1/0	0.362	1.23	16 x 14 AWG (FCN)	0.055	1.57	1,050

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