

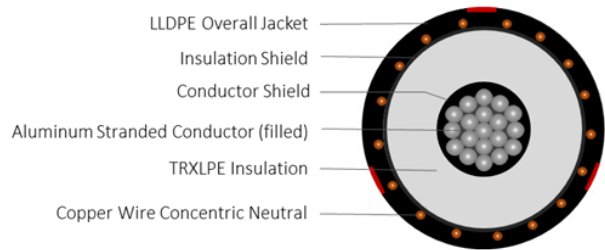
TR-XLPE/CN/LLDPE, Type MV-90, Primary UD, 15kV 133%, 220-mils Single Conductor Filled Aluminum - Silicone Free

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 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 E9JK

CONSTRUCTION

CONDUCTOR	1350 Aluminum (filled) Class B Strand Compressed
STRAND SHIELD	Thermoset semi-conducting polymer (Borealis LE0595-07)
INSULATION	Tree-Retardant Cross-Linked Polyethylene (TR-XLPE) (Borealis LE4212)
INSULATION SHIELD	Thermoset semi-conducting polymer (Borealis LE0520)
METALIC 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 B3 ASTM B230 ASTM B231 ICEA T-31-610 ICEA S-94-649 UL 1072(MV-90) RUS U1
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SINGLE CONDUCTOR SPECIFICATIONS

Part Number	Conductor Size (kcmil)	Nom. Conductor Diameter (in)	Nom. Insulation Diameter (in)	Copper Concentric Neutrals	Nom. Jacket Thickness (in)	Approx. Overall Diameter (in)	Approx. Net Weight (lbs/kft)
E9JKM-1A6F01CAB0	1/0 AWG	0.362	0.83	16 X 14 AWG (F.N)	0.055	1.15	680

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

PARALLEL CONDUCTOR SPECIFICATIONS

Part Number	Conductor Size (AWG or kcmil)	Nom. Conductor Diameter (in)	Nom. Insulation Diameter (in)	Copper Concentric Neutrals	Nom. Jacket Thickness (in)	Approx. Overall Diameter ¹ (in)	Approx. Net Weight (lbs / kft)
E9JKT-1A6F01LAB0	1/0 AWG	0.362	0.83	6 x 14 AWG (1/3N)	0.055	1.15	560
E9JKT-A66F01LAB0	500 kcmil	0.789	1.26	25 x 14 AWG (1/3N)	0.055	1.60	1,405
E9JKT-B26F01LAB0	750 kcmil	0.968	1.44	24 x 12 AWG (1/3N)	0.080	1.86	2,000

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

¹Specified overall diameter is for one single conductor cable.