

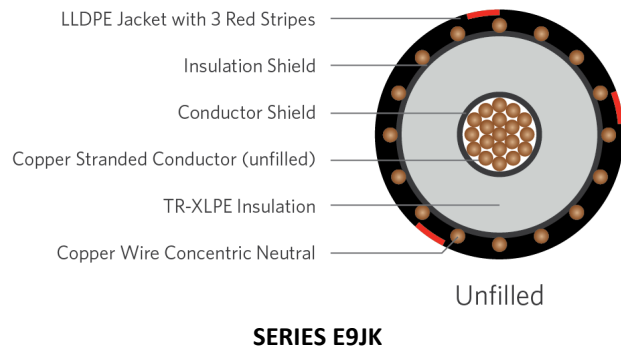
TR-XLPE/CN/LLDPE, Type MV-90, Primary UD, 15kV 100%, 220-mils Single Conductor 2 AWG, Copper, Full Neutral

DESCRIPTION

Medium Voltage Primary Underground Distribution (UD) cables consist of an Aluminum (unfilled) conductor, covered with tree-retardant cross-linked polyethylene (TR- XLPE), a concentric neutral of helically applied copper wires, and a 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, 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	Bare Copper, Class B Strand (unfilled)
STRAND SHIELD	Thermoset semi-conducting polymer
INSULATION	Tree-Retardant Cross-Linked Polyethylene (TR-XLPE)
INSULATION SHIELD	Thermoset semi-conducting polymer
SHIELD	Helically applied, anneled solid bare copper wires
JACKET	Linear Low Density Polyethylene (LLDPE), Three red Stripes
PACKAGING	Non-returnable reels

STANDARDS (Compliance)

PERFORMANCE	AEIC CS8 ASTM B3 ASTM B8 ICEA S-94-649 UL 1072 (MV-90) RUS U1
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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)
E9JKM-021B01CA00	2	0.280	16 x 14AWG	0.77	0.050	1.07	625

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