

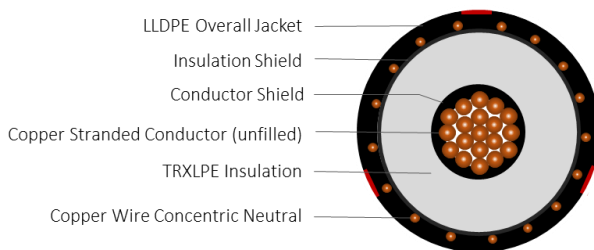
TR-XLPE/CN/LLDPE, Type MV-90, Primary UD, 15kV 133%, 220-mils Single Conductor Un-Filled Copper - Silicone Free

DESCRIPTION

This specification covers cables that consist of Copper un-filled 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	Annealed bare Copper (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)
PACKAGING	Non-returnable reels

STANDARDS (Compliance)

PERFORMANCE	AEIC CS8 ASTM B-3 ASTM B-8 ICEA S-94-649 UL 1072
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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)
E9JKT-A61B01CA01	500	0.789	1.26	17 x 10 AWG (1/3N)	0.080	1.72	2,780

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