

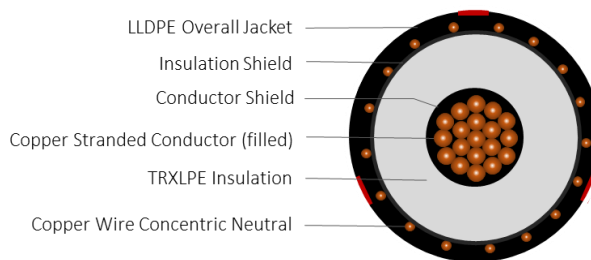
TR-XLPE/CN/LLDPE, Type MV-90, Primary UD, 15kV 100%, 175-mils Single Conductor Filled Copper - Silicone Free

DESCRIPTION

This specification covers cables that consist of Copper filled conductor, covered with tree-retardant cross-linked polyethylene (TR-XLPE), a concentric neutral of helically applied copper wires, and a moisture blocked 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 (filled) 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	Moisture blocked Linear low-density polyethylene (LLDPE)
PACKAGING	Non-returnable reels

STANDARDS (Compliance)

PERFORMANCE	AEIC CS8 ASTM B-3 ASTM B-8 ICEA S-94-649 ICEA T-33-664 UL 1072
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SPECIFICATIONS

Part Number	Conductor Size (AWG)	Conductor Diameter (in)	Insulation Diameter (in)	Copper Concentric Neutrals	Jacket Thickness (in)	Overall Diameter (in)	Net Weight (lbs/kft)
E9HKM-025B01CA20	2	0.283	0.66	16 x 14 AWG (FCN)	0.055	0.98	685

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