TR-XLPE/CN/LLDPE, Type MV-90, Primary UD, 35kV 133%, 420mils

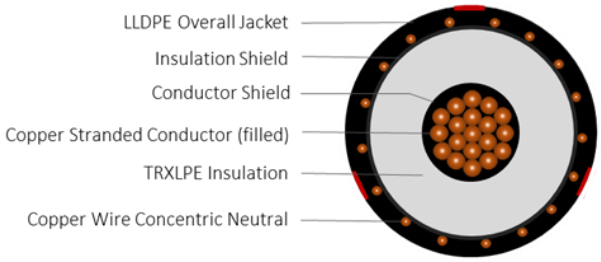
Single Conductor Filled Copper - Silicone Free

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.
- 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	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) · Reduced friction jacket optional
JACKET MARKING	00000 FT LS CABLE XXXKCMIL (or AWG) FS CU 1/C 35KV 133% INSUL LEVEL 420 MILS TRXLPE 'No. of Neutral' X # 'Neutral size' MB 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 B8 ICEA S-94-649 ICEA T-34-664 UL 1072 NEC
OTHER	EPA 40 CFR, Part 261 OSHA

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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)**
E9NKT-B25B01CA20	750	0.968	1.84	25 x 10 AWG (1/3N)	0.080	2.34	4,510

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