

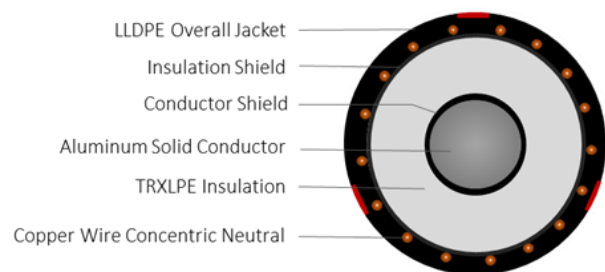
TR-XLPE/CN/LLDPE Power, MV-90 Type Primary UD, 15kV 100% Single Conductor Aluminum - Silicone Free

DESCRIPTION

The Medium Voltage Underground Distribution (UD) cables consist of an aluminum solid 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.
- 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 U15ATL

CONSTRUCTION

CONDUCTOR	Aluminum 1350 solid
STRAND SHIELD	Extruded thermoset semi-conducting polymer over the conductor
INSULATION	Tree-retardant cross-linked polyethylene (TR-XLPE)
INSULATION SHIELD	Extruded thermoset semi-conducting polymer over the insulation
SHIELD	Helically applied, annealed, solid bare copper wires
JACKET	Linear low-density polyethylene (LLDPE)
JACKET MARKING	00000 FT LS CABLE XXXKCMIL (or AWG) AL SOL 1/C 15KV 100% INSUL LEVEL 175 MILS TRXLPE 'No. of Neutral' X # 'Neutral size' LLDPE JKT MV-90 (UL) MADE IN USA MM/DD/YYYY (LIGHTNING BOLT SYMBOL)
PACKING	Non-returnable wood reels

STANDARDS (Compliance)

PERFORMANCE	AEIC CS8 ASTM B3 ASTM B609 ICEA S-94-649 UL 1072
OTHER	OSHA

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SPECIFICATIONS							
Part Number	Conductor Size (AWG/kcmil)	Conductor Diameter (in)	Insulation Diameter (in)	Concentric Neutral (No. x AWG)	Jacket Thickness (in)	Approx. O.D (in)	Approx. Weight (lbs/kft)
U15ATL-1AAS-1CZ-R3Z-Z	1/0	0.325	0.73	6 x 14 (1/3N)	0.050	1.05	485
U15ATL-1AAS-1CZ-R1Z-Z	1/0	0.325	0.73	16 x 14 (FCN)	0.050	1.05	605

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