TR-XLPE/CTS/PVC Power, Type MV-105

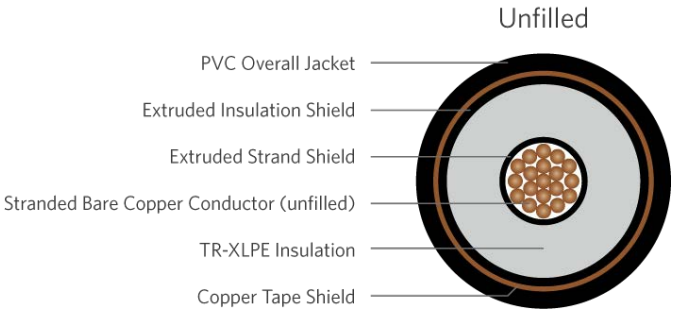
Series E8JUE-B21B01CA00

DESCRIPTION

The Medium Voltage, TR-XLPE/Cu Tape Shield/PVC, Type MV-105 Cable consist of a copper compressed strand conductor, covered with cross-linked polyethylene (TR-XLPE), copper tape shield, and black PVC jacket.

APPLICATION

- In conduit, duct, free air, raceways and direct burial, primary installations include cable trays, and outdoor locations.
- In direct burial if installed in a system with a ground that is in close proximity, and conforms with NEC 250.4 (A)(5)
- In wet or dry locations
- Designed to operate
  - » 105°C for normal operations
  - » 140°C for emergency overload
  - » 250°C for short circuit



SPECIFICATIONS

Conductor	Full annealed bare copper Class B compressed strand
Insulation	Cross-linked polyethylene (TR-XLPE)
Shield	Copper tape shield with 25% overlap, helically applied
Jacket	PVC

Packaging	Non-returnable reels
Performance	ASTM B-8 UL 1072 ICEA S-93-639 ICEA S-97-682 AEIC CS8 IEEE 1202 NEC
Other Compliances	EPA 40 CFR, Part 261 OSHA

1C 750kcmil 61-wires Cu Compressed Unfilled, 15kV 133% 220mils TR-XLPE, Cu Tape Shield, PVC Jacket, MV-105

PART NUMBER AND PHYSICAL CHARACTERISTICS

Part Number	Conductor Size (AWG/kcmil)	Conductor Diameter (in.)	Insulation Diameter (in.)	Jacket Thickness (in.)	Overall Diameter (in.)	Net Weight (lbs./MFT)
E8JUE-B21B01CA00	750	0.949	1.440	0.080	1.730	3,171

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