

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

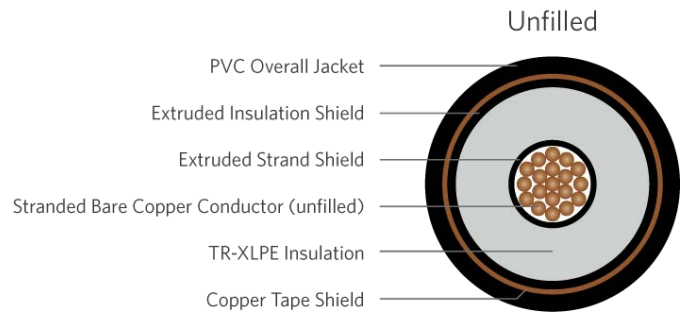
Series E8JUE-A31B01CA00

**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**

<b>Conductor</b>	Full annealed bare copper Class B compressed strand	<b>Packaging</b>	Non-returnable reels
<b>Insulation</b>	Cross-linked polyethylene (TR-XLPE)	<b>Performance</b>	ASTM B-8 UL 1072 ICEA S-93-639 ICEA S-97-682 AEIC CS8 IEEE 1202 NEC
<b>Shield</b>	Copper tape shield with 25% overlap, helically applied	<b>Other</b>	EPA 40 CFR, Part 261
<b>Jacket</b>	PVC	<b>Compliances</b>	OSHA

**1C 350kcmil 37-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-A31B01CA00	350	0.648	1.128	0.070	1.360	1,732

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