

## TR-XLPE/CTS/PVC Power, Type MV-105, 3 Conductors

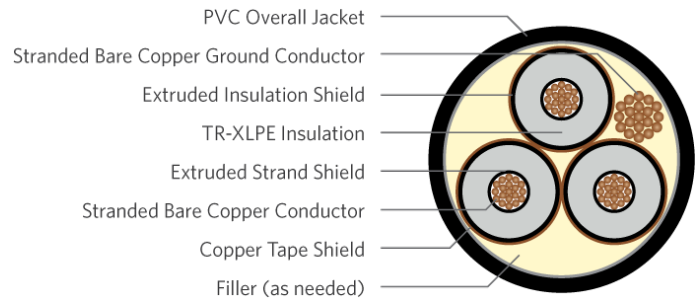
Part Number: E8HUR-021B03CB00

### DESCRIPTION

The Medium Voltage 3 Conductor TR-XLPE/Cu Tape Shield/PVC, Type MV-105 Power Cable consists of fully annealed bare copper Class B stranded conductors, covered with tree-retardant cross-linked polyethylene (TR-XLPE), copper tape shield, an uninsulated bare ground, and black PVC jacket. These cables are used in industrial power circuits.

### APPLICATION

- In conduit, duct, free air, raceways and direct burial, primary installations include cable trays, and outdoor locations.
- Direct burial
- In wet or dry locations
- Designed to operate continuously at a conductor temperature not exceeding
  - » 105°C for normal operations
  - » 140°C for emergency overload
  - » 250°C for short circuit



### SPECIFICATIONS

<b>Conductor</b>	Bare Copper, Class B compressed strand
<b>Insulation</b>	Tree-Retardant Cross-linked Polyethylene (TR-XLPE)
<b>Shield</b>	Helically applied 5-mil copper tape shield with 25% overlap
<b>Fillers</b>	Non-hygroscopic filler
<b>Ground Conductors</b>	Uninsulated bare copper
<b>Overall Jacket</b>	Polyvinyl Chloride (PVC)

<b>Packaging</b>	Non-returnable reels
<b>Performance Compliance</b>	ASTM B8 UL 1072 ICEA S-93-639 ICEA S-97-682 AEIC CS8 UL 1685 Flame Test NEC
<b>Other Compliances</b>	EPA 40 CFR, Part 261 OSHA

## 3C 2AWG 7-wires Cu 15kV 100% 175mils TR-XLPE Cu Tape Shield PVC, MV-105

### PART NUMBER AND PHYSICAL CHARACTERISTICS

Part Number	Conductor Size (AWG/kmil)	Cond Diameter (in.)	Insulation Diameter (in.)	Ground Conductor (AWG)	Jacket Thickness (in.)	Overall Diameter (in.)	Net Weight (lbs./MFT)
E8HUR-021B03CB00	2	0.277	0.663	6AWG Cu	0.080	1.746	1,720

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