

**EPR/CTS/PVC Power, Type MV-105, 15kV (100%)**

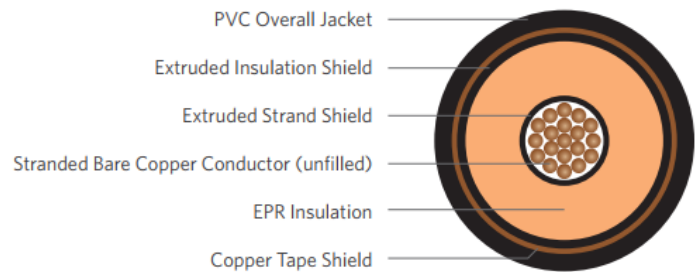
Part Number: E8HLE-B21B01CA00

**DESCRIPTION**

The Medium Voltage, EPR/Cu Tape Shield/PVC, Type MV-105 Cable consists of fully annealed bare copper Class B stranded conductors, covered with ethylene propylene rubber (EPR), copper tape shield, and black PVC jacket. These cables are used in industrial power circuits.

**APPLICATION**

- In conduit, duct, free air, and raceways, primary installations include cable trays, and outdoor locations
- Approved for Class I, Div. 2 industrial hazardous locations per NEC
- 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>Packaging</b>	Non-returnable reels
<b>Insulation</b>	EPR	<b>Performance Compliance</b>	ASTM B8 UL 1072 ICEA S-93-639 ICEA S-97-682 AEIC CS8 UL 1685 Flame Test NEC
<b>Shield</b>	Copper tape shield with 25% Overlap	<b>Other Compliances</b>	EPA 40 CFR, Part 261 OSHA
<b>Jacket</b>	PVC		

**1C 750kcmil Cu 15kV 100% 175mils EPR Cu Tape Shield PVC, MV-105**

PART NUMBER AND PHYSICAL CHARACTERISTICS						
Part Number	Conductor Size (AWG/kcmil)	Cond Diameter (in.)	Insulation Diameter (in.)	Jacket Thickness (in.)	Overall Diameter (in.)	Net Weight lbs./MFT
E8HLE-B21B01CA00	750kcmil – 61 wires	0.958	1.378	0.080	1.657	3,175

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