

**EPR/CTS/PVC Power, Type MV-105, 15kV (133%)**

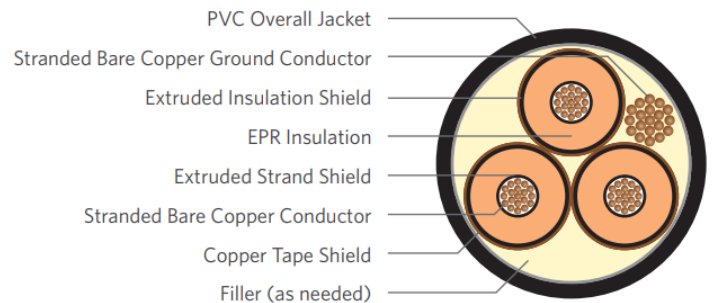
Part Number: E8JLR-4A1B03CB01

**DESCRIPTION**

The Medium Voltage, 3C EPR/Cu Tape Shield/PVC, Type MV-105 Cable consist of full annealed bare copper Class B stranded conductors, covered with ethylene 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 IEEE 1202 NEC
<b>Phase Identification</b>	Color ribbons in each phase (standard: black-red-blue)	<b>Other Compliances</b>	EPA 40 CFR, Part 261 OSHA
<b>Shield</b>	5 mil annealed copper tape helically applied with 25% overlap		
<b>Ground Conductor</b>	Uninsulated bare copper		
<b>Overall Jacket</b>	Polyvinyl Chloride (PVC)		

**3C 4/0AWG Cu 15kV 133% 220mils EPR Cu Tape Shld, plus 4AWG Grd, PVC, MV105**

**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)
E8JLR-4A1B03CB01	4/0	0.507	1.022	0.110	2.66	4,430

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