

EPR/CTS/PVC Power, Type MV-105 MC (AIA), 3 Conductors

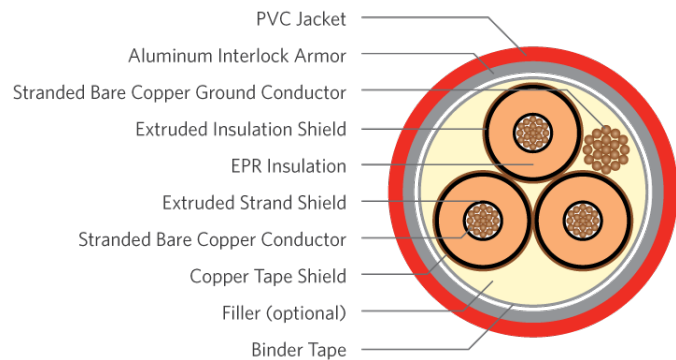
Part Number: E8JLP-B21B03CBRO

DESCRIPTION

The 3 Conductor MV-105 Power Cables consist of copper unfilled Class B stranded conductors, covered with ethylene propylene rubber (EPR), copper tape shield, an uninsulated bare ground, binder tape, aluminum interlock armor (AIA) and 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
- 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

Conductor	Bare Copper, Class B unfilled compressed strand	Packaging	Non-returnable reels
Insulation	Ethylene Propylene Rubber (EPR) Per ERI-3748	Performance Compliance	ASTM B8 UL 1072 and UL 1569 ICEA S-93-639 ICEA S-97-682 AEIC CS8 UL 1685 Flame Test NEC
Shield	Helically applied 5-mil copper tape shield with 25% overlap	Other Compliances	EPA 40 CFR, Part 261 OSHA
Fillers	Non-hygroscopic filler		
Ground Conductors	Uninsulated bare copper stranded		
Armor	Aluminum interlock armored (AIA)		
Overall Jacket	Polyvinyl Chloride (PVC) - Red		

3C 750kcmil 61-wires Cu 15kV 133% 220mils EPR Cu Tape Shield, AIA 1/0 AWG Ground MV-105, Red PVC Jacket

PART NUMBER AND PHYSICAL CHARACTERISTICS

Part Number	Conductor Size (AWG/kcmil)	Conductor Diameter (in.)	Insulation Diameter (in.)	Ground (AWG/kcmil)	Jacket Thickness (in.)	Overall Diameter (in.)	Net Weight (lbs./MFT)
E8JLP-B21B03CBRO	750	0.968	1.44	1/0	0.095	3.77	10,700

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