

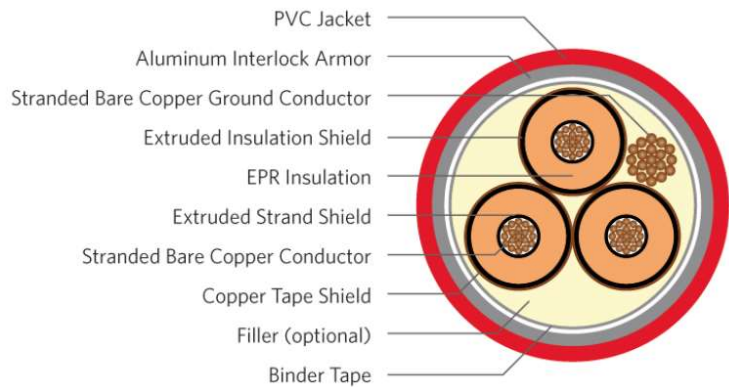
EPR/CTS/AIA/PVC, Type MV-105, 15kV 133%, 220-MILS Red 3 Conductor Un-Filled Copper -Silicone Free

DESCRIPTION

The 3 Conductor MV-105 Power Cables consist of fully annealed, unfilled, bare copper Class B stranded conductors covered with ethylene propylene rubber (EPR), copper tape shield, a binder tape, an uninsulated bare ground, aluminum interlock armored (AIA) and PVC jacket. These cables are used in industrial power circuits.

APPLICATIONS

- In conduit, duct, free air, direct burial and raceways, primary installations include cable trays, and outdoor locations
- Direct Burial
- Approved for Class 1, 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



CONSTRUCTION	
CONDUCTOR	Annealed bare copper (unfilled) Class B Strand Compressed
STRAND SHIELD	Thermoset semi-conducting polymer
INSULATION	Ethylene propylene rubber (EPR)
INSULATION SHIELD	Thermoset semi-conducting polymer
SHIELD	5-mil copper tape with a 25% overlap
GROUND	Annealed bare copper
ARMOR	Aluminum interlock armor (AIA)
JACKET	Polyvinyl Chloride (PVC)
PACKAGING	Non-returnable wooden reels

STANDARDS (Compliance)	
PERFORMANCE	AEIC CS8 ASTM B-3 ASTM B-8 UL 1072 ICEA S-97-682 ICEA S-93-639 NEC

SPECIFICATIONS

Part Number	Conductor Size	Conductor Diameter (in)	Insulation Diameter (in)	Metallic Shield	Ground Wire	Jacket Thickness (in)	Approx. Overall Diameter (in)	Approx. Net Weight (lbs/kft)
E8JLP-B21B03CBR1	750 kcmil	0.968	1.44	CTS with 25% overlap	4/0 AWG	0.085	3.81	11,267

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