EPR/CTS/PVC Power, Type MV-105, 15kV 133%, 220-MILS

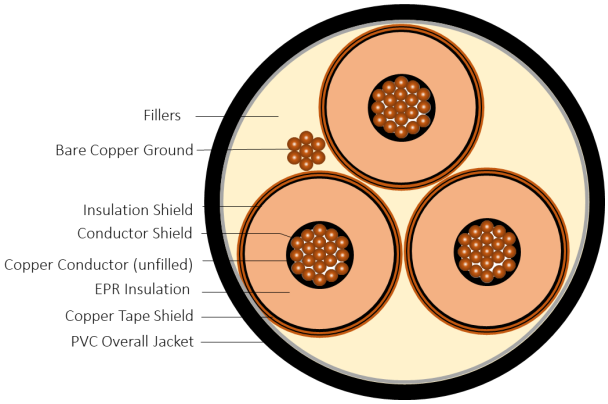
Three Conductor Un-Filled Aluminum -Silicone Free

DESCRIPTION

The three conductor MV-105 power cables consist of Copper un-filled Class B stranded conductors, covered with ethylene propylene rubber (EPR), copper tape shield, an uninsulated bare ground, and black polyvinyl chloride (PVC) jacket. These cables are used in industrial power circuits.

APPLICATIONS

- Primary installations include cable trays, and outdoor locations : sunlight resistant and direct burial. In conduit, duct, free air, raceways.
- In wet or dry locations. Rated 105°C wet or dry.
- Approved for Class I, Div. 2 industrial hazardous locations per NEC
- For CT use for per UL 1072
- 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	Uninsulated Bare Copper
JACKET	Black Polyvinyl chloride (PVC)
PACKAGING	Non-returnable reels

STANDARDS (Compliance)

PERFORMANCE	AEIC CS8 ASTM B-3 ASTM B-8 ICEA S-93-639 ICEA S-97-682 UL 1072

SPECIFICATIONS

Part Number	Conductor Size (kcmil)	Conductor Diameter (in)	Insulation Diameter (in)	Jacket Thickness (in)	Metallic Shield	Ground Wire (AWG)	O.D. (in)	Net Weight (lbs/kft)
E8JLR-A61B03CB00	500	0.89	1.26	0.130	CTS with 25% overlap	1	3.19	7,765

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