

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

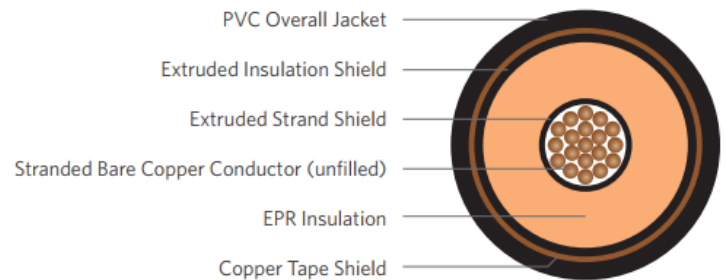
Part Number: E8JLL-2A1B01CA00

DESCRIPTION

The Medium Voltage, EPR/Cu Tape Shield/PVC, Type MV-105 Cable consist of fully 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

| | |
|-------------------|--|
| Conductor | Bare Copper, Class B compressed strand |
| Insulation | EPR |
| Shield | 10 mil Copper tape shield with 25% Overlap |
| Jacket | PVC |

| | |
|-------------------------------|---|
| Packaging | Non-returnable reels |
| Performance Compliance | ASTM B8 UL 1072 ICEA S-93-639 ICEA S-97-682 AEIC CS8 UL 1685 Flame Test NEC |
| Other Compliances | EPA 40 CFR, Part 261 OSHA |

1C 2/0AWG Cu 15kV 133% 220mils EPR 10mil Cu Tape Shield PVC, MV-105

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) |
|------------------|----------------------------|--------------------------|---------------------------|------------------------|------------------------|-----------------------|
| E8JLL-2A1B01CA00 | 2/0 | 0.405 | 0.870 | 0.080 | 1.12 | 985 |

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