

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

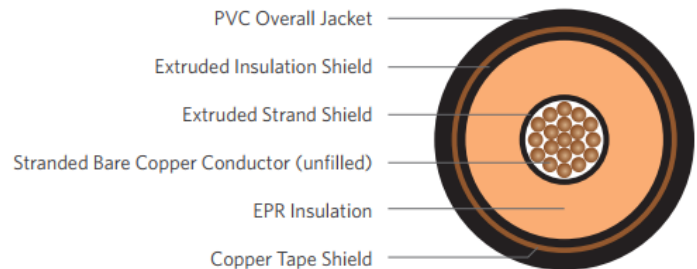
Part Number: E8JLE-A31B01CA00

DESCRIPTION

The Medium Voltage, EPR/Cu Tape Shield/PVC, Type MV-105 Cable consists of fully annealed bare copper Class B stranded conductors, covered with ethylene propylene 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	Packaging	Non-returnable reels
Insulation	EPR		ASTM B8 UL 1072
Shield	Copper tape shield with 25% Overlap	Performance Compliance	ICEA S-93-639 ICEA S-97-682 AEIC CS8 UL 1685 Flame Test NEC
Jacket	PVC	Other Compliances	EPA 40 CFR, Part 261 OSHA

1C 350kcmil Cu 15kV 133% 220mils EPR 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
E8JLE-A31B01CA00	350kcmil – 37 wires	0.654	1.171	0.080	1.450	1,888

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