

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

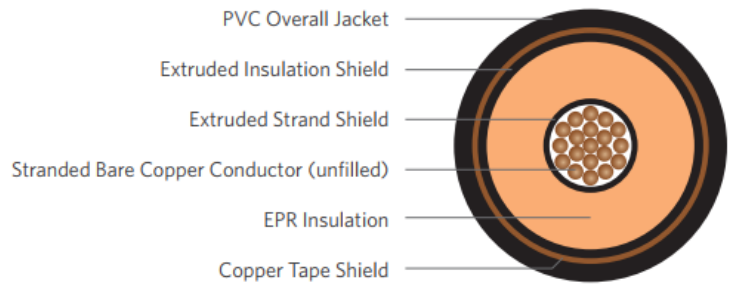
Part Number: E8JLE-021B01CA00

DESCRIPTION

The Medium Voltage, EPR/Cu Tape Shield/PVC, Type MV-105 Cable consist of full 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	Packaging	Non-returnable reels
Insulation	EPR	Performance	ASTM B8 UL 1072 ICEA S-93-639 ICEA S-97-682 AEIC CS8 UL 1685 Flame Test NEC
Shield	Copper tape shield with 25% Overlap	Other Compliances	EPA 40 CFR, Part 261 OSHA
Jacket	PVC		

1C 2AWG 7-wires 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-021B01CA00	2AWG – 7 wires	0.280	0.793	0.080	1.072	729

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