

**EPR/CTS/PVC Power, Type MV-105, 15kV (133%); 220-mils
Series E8JLE-011T01CA00**

DESCRIPTION

The Medium Voltage, EPR/Cu Tape Shield/PVC, Type MV-105 Cable consist of full annealed bare copper Class B compact stranded conductors, covered with ethylene rubber (EPR), copper tape shield, and black PVC jacket. These cables are used in industrial power circuits.

PRODUCT NAME

EPR/CTS/PVC Power, Type MV-105

APPLICATION

- In conduit, duct, free air, raceways and direct burial, primary installations include cable trays, and outdoor locations.
- Direct burial
- In wet or dry locations
- 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 compact strand	Packaging	Non-returnable reels
Insulation	EPR	Performance	ASTM B8 ASTM B496 UL 1072 ICEA S-93-639 ICEA S-97-682 AEIC CS8 NEC
Shield	Copper tape shield with 25% Overlap	Other	EPA 40 CFR, Part 261
Jacket	PVC	Compliances	OSHA

1C; #1 AWG 19-wires Cu CMPCT 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-011T01CA00	#1 AWG	.299	.775	.080	1.01	697

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