

Silicone Free EPR/CTS/PVC Power, Type MV-105, 25kV (133%)

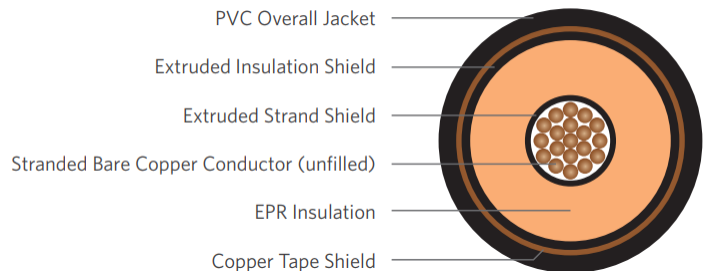
Part Number: E8LLE-1A1T01CA00

DESCRIPTION

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

APPLICATION

- In conduit, duct, free air, raceways and direct burial, primary installations include cable trays, and outdoor locations.
- In direct burial if installed in a system with a ground that is in close proximity, and conforms with NEC 250.4 (A)(5)
- In wet or dry locations
- Designed to operate
 - » 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
Shield	Copper tape shield with 25% Overlap	Compliance	ICEA S-93-639 ICEA S-97-682 AEIC CS8 NEC
Jacket	PVC	Other Compliances	EPA 40 CFR, Part 261 OSHA

1C 1/0 AWG 19-wires Cu CMPCT 25kV 133% 320mils EPR Cu Tape Shield PVC, MV-105, Silicone Free

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)
E8LLE-1A1T01CA00	1/0	0.336	1.01	0.080	1.25	996

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