

EPR/CTS/PVC Power, Type MV-105

Series E8MLE-B21B01CA00

DESCRIPTION

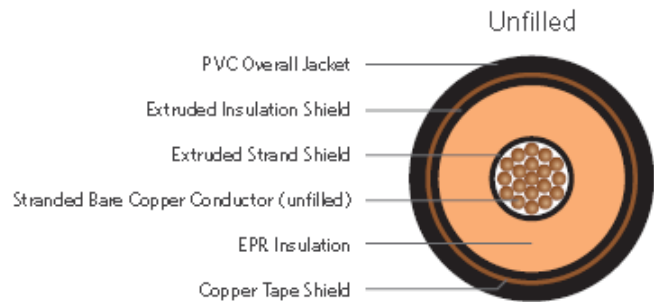
The Medium Voltage, EPR/Cu Tape Shield/PVC, Type MV-105 Cable consists of Copper compressed strand conductors, covered with ethylene propylene rubber (EPR), copper tape shield, and black PVC jacket. These cables are used in industrial power circuits.

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.
- 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



SPECIFICATIONS

Conductor	Full annealed bare copper Class B compressed strand	Packaging	Non-returnable reels
Insulation	EPR	Performance Compliances	ASTM B-230 and B-231 UL 1072 ICEA S-93-639 ICEA S-97-682 AEIC CS8 IEEE 1202 NEC
Shield	Copper tape shield with 25% overlap, helically applied	Other Compliances	EPA 40 CFR, Part 261 OSHA
Jacket	PVC		

1/C 750kcmil 61-wires Copper (Unfilled), 35kV 100% 345mils EPR, Type MV-105

PART NUMBER AND PHYSICAL CHARACTERISTICS								
Part Number	Conductor Size Gauge (AWG/kcmil)	Conductor Diameter (in.)	Insulation Diameter (in.)	Jacket Thickness (in.)	Overall Diameter (in.)	Net Weight lbs./MFT	Ampacity	
							In Air ⁴	Duct ⁵
E8MLE-B21B01CA00	750	0.949	1.691	0.110	1.983	3,644	655	610

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

⁴Ampacities are in accordance with NEC table 310.60(C)(73), for MV-105, 5001-35,000 Volts, for conduit in air.

⁵Ampacities are in accordance with NEC table 310.60(C)(77), for MV-105, 5001-35,000 Volts, for underground electrical duct, one circuit.