

EPR/CTS/PVC Power, Type MV-105

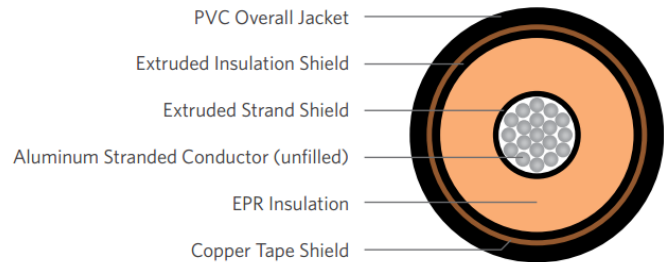
Series E8MLE, 35kV 100% 345mils, with Alum Cdrs

DESCRIPTION

The Superior Essex Medium Voltage, EPR/Cu Tape Shield/PVC, Type MV-105 Cable consist of Aluminum 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, 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	Aluminum 1350 compressed lay stranded Class B
Insulation	EPR
Shield	5mil - copper tape shield with 25% Overlap
Jacket	PVC

Packaging	Non-returnable reels
Performance	ASTM B-230 and B-231 UL 1072 ICEA S-93-639 ICEA S-97-682 AEIC CS8 IEEE 1202 NEC
Other Compliances	EPA 40 CFR, Part 261 OSHA

MV-105 EPR/CTS/PVC – 35kV 100% I.L., 345-mils

PART NUMBER AND PHYSICAL CHARACTERISTICS								
Part Number	Cond Size Gauge	Cond Diameter Inches	Insulation Diameter Inches	Jacket Thickness Inches	Overall Diameter Inches	Net Weight lbs/mft	Ampacity	
							In Air ⁴	Duct ⁵
E8MLE-B53F01CA00	1000	1.106	1.88	0.080	2.37	2,643	565	640

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)(78), for MV-105, 5001-35,000 Volts, for conduit in air.

⁵Ampacities are in accordance with NEC table 310.60(C)(74), for MV-105, 5001-35,000 Volts, for underground electrical duct, one circuit.