

**EPR/CTS/PVC Power, Type MV-105**

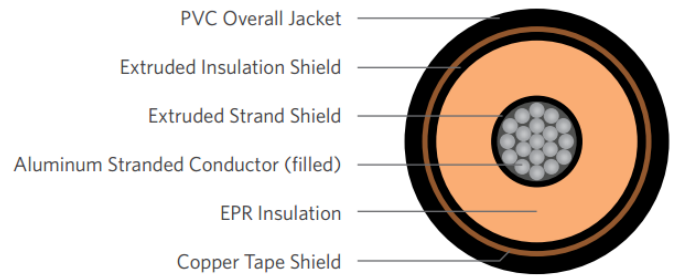
Series E8JLE-A66F01CA00

**DESCRIPTION**

The Medium Voltage, EPR/Cu Tape Shield/PVC, Type MV-105 Cable consist of an aluminum 1350 compressed 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
- Max conductor operating temperature
  - »105°C for normal operations
  - »140°C for emergency overload
  - »250°C for short circuit



**SPECIFICATIONS**

<b>Conductor</b>	Aluminum 1350 compressed Class B	<b>Packaging</b>	Non-returnable reels
<b>Insulation</b>	EPR	<b>Performance Compliance</b>	ASTM B8 UL 1072 (MV-105) ICEA S-93-639 ICEA S-97-682 AEIC CS8 UL 1685 Flame Test NEC
<b>Shield</b>	Copper tape shield with 25% Overlap	<b>Other Compliances</b>	EPA 40 CFR, Part 261 OSHA
<b>Jacket</b>	PVC		

**1C 500kcmil 37-wires Al 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-A66F01CA00	500	0.773	1.257	0.080	1.490	1,224

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