

**EPR/CTS/PVC Power, Type MV-105, 25kV (100%); 260-mils**

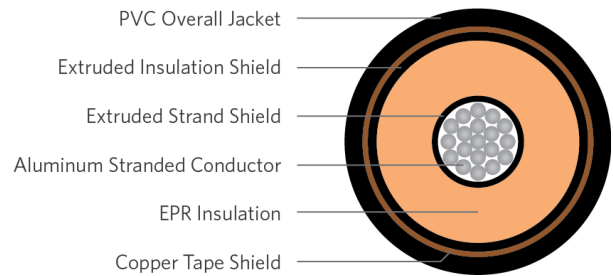
Part Number: E8KLE-013F01CA00

**DESCRIPTION**

The Medium Voltage, EPR/Cu Tape Shield/PVC, Type MV-105 Cable consist of Aluminum Class B stranded conductor (unfilled), 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
- Designed to operate
  - » 105°C for normal operations
  - » 140°C for emergency overload
  - » 250°C for short circuit



**SPECIFICATIONS**

<b>Conductor</b>	Aluminum 1350 Compressed Lay Class B Strand (unfilled)
<b>Insulation</b>	EPR
<b>Shield</b>	Copper tape shield with 25% Overlap
<b>Jacket</b>	PVC

<b>Packaging</b>	Non-returnable reels
<b>Performance</b>	ASTM B-230, ASTM B-231 UL 1072 ICEA S-93-639 ICEA S-97-682 AEIC CS8 UL 1685 Flame Test
<b>Other Compliances</b>	EPA 40 CFR, Part 261 OSHA

**1C; 1AWG; AL-1350 Unfilled 25Kv 100% 260 mils EPR Cu Tape Shield PVC, MV105**

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)
E8KLE-013F01CA00	#1 AWG	.316	.352	.060	1.10	606

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