

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

Series E8KLE-B25T01CA00

**DESCRIPTION**

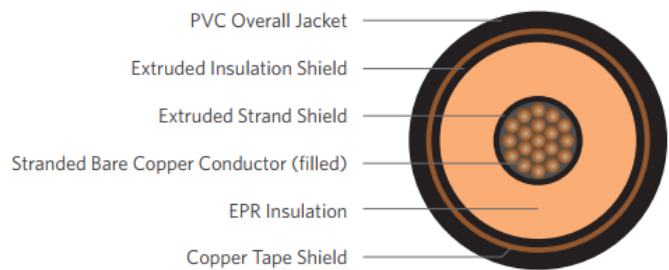
The Medium Voltage, EPR/Cu Tape Shield/PVC, Type MV-105 Cable consist of full annealed bare copper Class B filled compact stranded conductors, covered with ethylene rubber (EPR), copper tape shield, and black PVC jacket. These cables are used in industrial power circuits.

**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
- Designed to operate
  - » 105°C for normal operations
  - » 140°C for emergency overload
  - » 250°C for short circuit



**SPECIFICATIONS**

<b>Conductor</b>	Bare copper Class B compact strand (filled)
<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-496
	UL 1072
	ICEA S-93-639
	ICEA S-97-682
	AEIC CS8
	IEEE 1202
<b>Other</b>	EPA 40 CFR, Part 261
<b>Compliances</b>	OSHA

**1C 750kcmil 61-wires Cu CMPCT 25kV 100% 260mils 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)
E8KLE-B25T01CA00	750	0.908	1.540	0.110	1.773	3,349

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