

## EPR/CTS/PVC Power, Type MV-105, 15kV (133%)

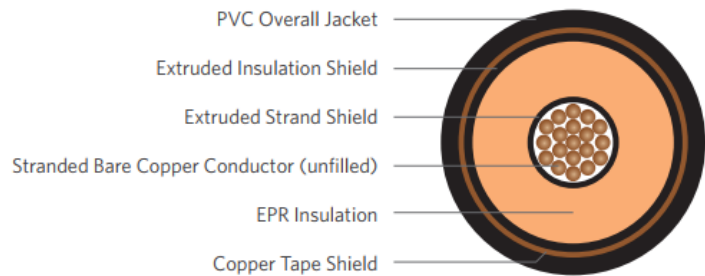
Product Number: E8JLE-B51T01CA00

### DESCRIPTION

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



### SPECIFICATIONS

<b>Conductor</b>	Full annealed bare copper Class B compact strand
<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 Compliance</b>	ASTM B-496
	UL 1072
	ICEA S-93-639
	ICEA S-97-682
<b>Other Compliances</b>	AEIC CS8
	UL 1685 Flame Test
	EPA 40 CFR, Part 261
	OSHA

### 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
E8JLE-B51T01CA00	1000 kcmil – 61w	1.106	1.627	0.110	1.93	4,110

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