

## EPR/CTS/PVC Power, Type MV-105, 35kV (133%) 420-mils

Al-1350 Compressed Stranded Conductor

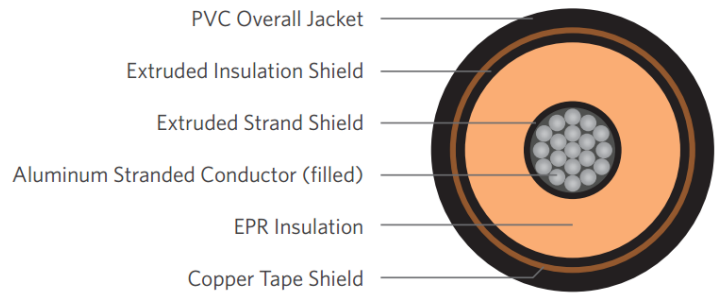
Part Number: E8NLE-B56F01CA00

### DESCRIPTION

The Medium Voltage, EPR/Cu Tape Shield/PVC, Type MV-105 Cable consist of aluminum 1350 series compressed Class B stranded filled 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

<b>Conductor</b>	Aluminum 1350 series compressed Class B
<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
<b>Compliance</b>	ICEA S-93-639/NEMA WC74 ICEA S-97-682 UL 1072 (MV-105) AEIC CS8 NEC
<b>Other Compliances</b>	EPA 40 CFR, Part 261 OSHA

### PART NUMBER AND PHYSICAL CHARACTERISTICS

Part Number	Cond Size Gauge kcmil	Cond Diameter Inches	Insulation Diameter Inches	Jacket Thickness Inches	Overall Diameter Inches	Net Weight lbs/mft
E8NLE-B56F01CA00	1000	1.106	2.017	0.110	2.37	2616

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