

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

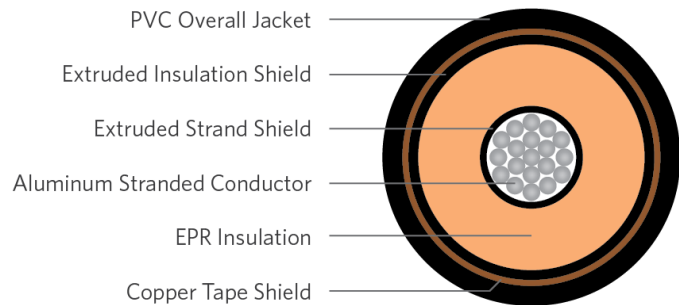
Part Number: E8NLE-B24G01CA00

DESCRIPTION

The Medium Voltage, EPR/Cu Tape Shield/PVC, Type MV-105 Cable consists of compressed 8000 Al stranded conductors, covered with ethylene propylene rubber (EPR), copper tape shield, and black PVC jacket. These cables are used in industrial power circuits.

APPLICATION

- In conduit, duct, free air, and raceways, primary installations include cable trays, and outdoor locations
- • Approved for Class I, Div. 2 industrial hazardous locations per NEC
- Designed to operate continuously at a conductor temperature not exceeding
 - » 105°C for normal operations
 - » 140°C for emergency overload
 - » 250°C for short circuit



SPECIFICATIONS

Conductor	Aluminum 8000 compressed Class B strand
Insulation	EPR
Conductor Strand Shield	Extruded thermoset semi-conducting polymer over the conductor; Copper tape shield with 25% overlap
Jacket	PVC

Packaging	Non-returnable reels
	ASTM B8 UL 1072
Performance	ICEA S-93-639
	ICEA S-97-682 AEIC CS8 IEEE 1202 NEC
Other Compliances	EPA 40 CFR, Part 261 OSHA

1C 750kcmil 61-wires Al 8000 35kV (133%) 420-mils 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)
E8NLE-B24G01CA00	750	0.949	1.841	0.110	2.133	2,320

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