

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

Series E8NLE with 1350 Al compressed conductor

DESCRIPTION

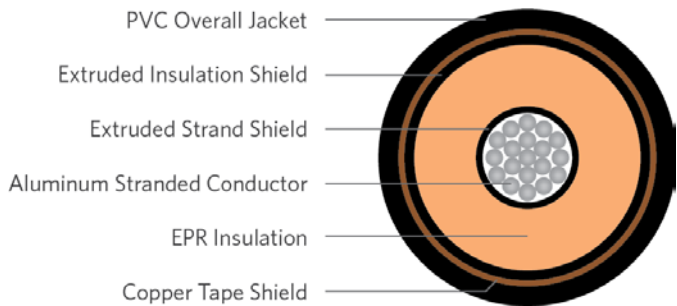
The Medium Voltage, EPR/Cu Tape Shield/PVC, Type MV-105 Cable consist of compressed 1350 Al stranded conductors, covered with ethylene rubber (EPR), copper tape shield, and black PVC jacket. These cables are used in industrial power circuits.

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



SPECIFICATIONS

Conductor	Aluminum 1350 compressed Class B strand	Packaging	Non-returnable reels
Insulation	EPR	Performance	ASTM B-8 ICEA S-93-639/NEMA WC74
Shield	Copper tape shield with 25% Overlap	Compliance	ICEA S-97-682 UL 1072 (MV-105) AIEC CS8 NEC
Jacket	PVC	Other	EPA 40 CFR, Part 261
		Compliances	OSHA

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-B53F01CA00	1000	1.110	2.05	0.110	2.34	3,997
E8NLE-B83F01CA00	1250	1.240	2.18	0.110	2.47	4,022

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