

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

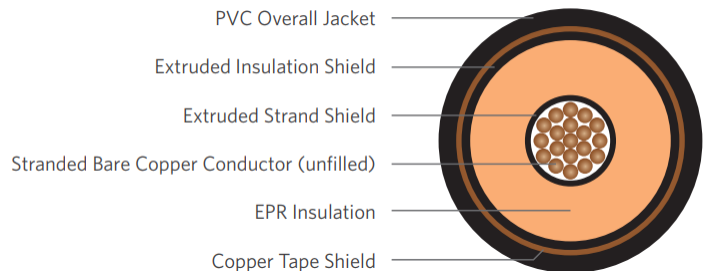
Part Number: E8NLE-4A1T01CA00

**DESCRIPTION**

The Medium Voltage, EPR/Cu Tape Shield/PVC, Type MV-105 Cable consist of full annealed bare copper Class B compact stranded conductor, 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>	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 B8
	ASTM B496
	UL 1072
	ICEA S-93-639
	ICEA S-97-682
<b>Other Compliances</b>	AEIC CS8
	NEC
	EPA 40 CFR, Part 261
	OSHA

**1C 4/0 AWG 19-wires Cu CMPCT 35kV 133% 420mils 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-4A1T01CA00	4/0	0.475	1.350	0.075	1.59	1670

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