

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

Series E8JLE with filled copper conductor

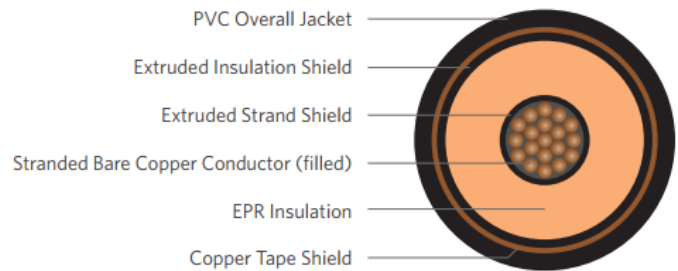
Part Number: E8JLE-4A5B01CA00

DESCRIPTION

The Medium Voltage, EPR/Cu Tape Shield/PVC, Type MV-105 Cable consist of full annealed bare copper Class B filled 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

Conductor	Bare Copper, Class B strand (filled)
Insulation	EPR
Shield	Copper tape shield with 25% Overlap
Jacket	PVC

Packaging	Non-returnable reels
Performance Compliance	ASTM B8 UL 1072 UL 1685 (flame exposure) ICEA S-93-639 ICEA S-97-682 AEIC CS8 NEC
Other Compliances	EPA 40 CFR, Part 261 OSHA

1C 4/0AWG 19-wires Cu filled 15kV 133% 220mils 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)
E8JLE-4A5B01CA00	4/0	0.502	0.978	0.080	1.21	1,217

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