

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

Series E8JLE with compact copper conductor

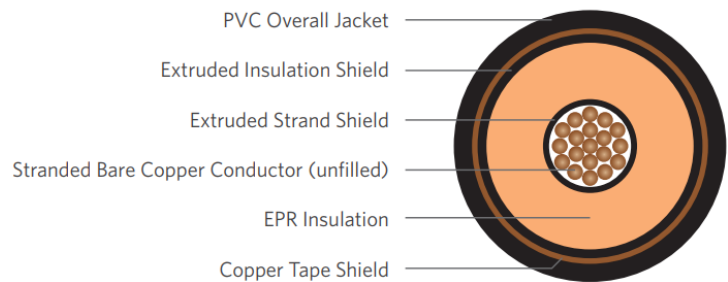
Part Number: E8JLE-A31T01CA00

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

Conductor	Bare Copper, Class B compact strand	Packaging	Non-returnable reels
Insulation	EPR		ASTM B8
Shield	Copper tape shield with 25% Overlap		ASTM B496
Jacket	PVC	Performance	UL 1072
		Compliance	ICEA S-93-639
			ICEA S-97-682
			AEIC CS8
			NEC
		Other	EPA 40 CFR, Part 261
		Compliances	OSHA

1C 350kcmil 37-wires Cu CMPCT 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-A31T01CA00	350	0.616	1.100	0.080	1.333	1,718

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