

EPR/CTS/PVC Power, Type MV-105, 15kV (133%); 220-mils

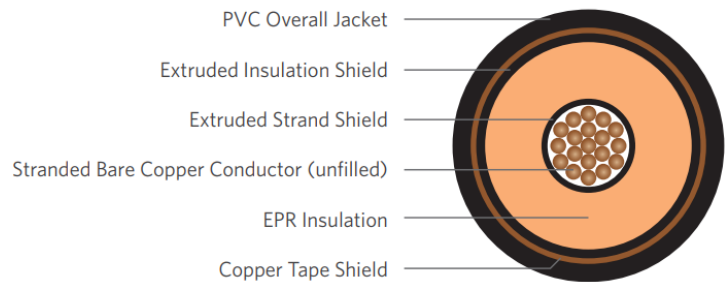
Series E8JLE-3A1T01CA00

DESCRIPTION

The Medium Voltage, EPR/Cu Tape Shield/PVC, Type MV-105 Cable consist of full annealed bare copper Class B compact stranded conductors, 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.
- Direct burial
- In wet or dry locations
- 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	Bare Copper, Class B compact strand
Insulation	EPR
Shield	Copper tape shield with 25% Overlap
Jacket	PVC

Packaging	Non-returnable reels
Performance Compliances	ASTM B8
	ASTM B496
	UL 1072
	ICEA S-93-639
	ICEA S-97-682
Other Compliances	AEIC CS8
	NEC
	EPA 40 CFR, Part 261
	OSHA

1C 3/0 AWG 19-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-3A1T01CA00	3/0	0.423	0.899	.0800	1.130	1,032

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