EPR/CTS/PVC Power, Type MV-105

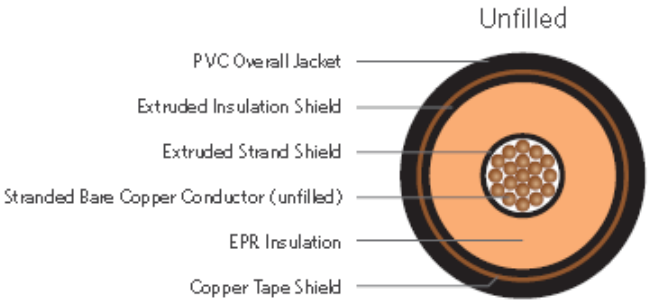
Series E8LLE-011B01CA00

DESCRIPTION

The Medium Voltage, EPR/Cu Tape Shield/PVC, Type MV-105 Cable consists of Copper compressed strand conductors, covered with ethylene propylene 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	Fully annealed bare copper Class B compressed strand
Insulation	EPR
Shield	Copper tape shield with 25% overlap, helically applied
Jacket	PVC

Packaging	Non-returnable reels
Performance Compliances	ASTM B8 UL 1072 ICEA S-93-639 ICEA S-97-682 AEIC CS8 NEC UL685 Flame Test
Other Compliances	EPA 40 CFR, Part 261 OSHA

1/C 1AWG 19-wires Copper (Unfilled), 25kV 133% 320mils EPR, Type 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)	Ampacity	
							In Air[4]	Duct[5]
E8LLE-011B01CA00	1	0.316	0.992	0.060	1.230	903	190	185

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

[4]Ampacities are in accordance with NEC table 310.60(C)(73), for MV-105, 5001-35,000 Volts, for conduit in air.

[5]Ampacities are in accordance with NEC table 310.60(C)(77), for MV-105, 5001-35,000 Volts, for underground electrical duct, one circuit.