

EPR/CTS/PVC Power, Type MV-105, 25kV (100%); 260-mils

Series E8KLE-A65T01CA00

DESCRIPTION

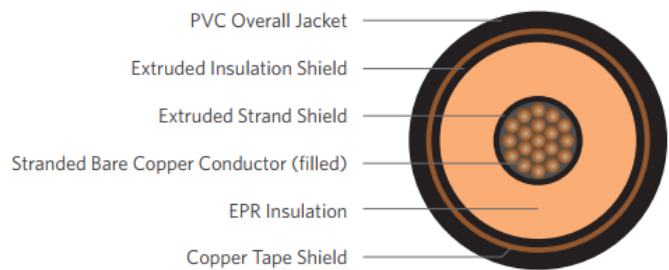
The Medium Voltage, EPR/Cu Tape Shield/PVC, Type MV-105 Cable consist of full annealed bare copper Class B filled compact stranded conductors, covered with ethylene rubber (EPR), copper tape shield, and black PVC jacket. These cables are used in industrial power circuits.

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
- 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 (filled)
Insulation	EPR
Shield	Copper tape shield with 25% Overlap
Jacket	PVC

Packaging	Non-returnable reels
Performance	ASTM B-496
	UL 1072
	ICEA S-93-639
	ICEA S-97-682
	AEIC CS8
	IEEE 1202
Other	EPA 40 CFR, Part 261
Compliances	OSHA

1C 500kcmil 37-wires Cu CMPCT 25kV 100% 260mils 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)
E8KLE-A65T01CA00	500	0.736	1.300	0.080	1.533	2,356

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