

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

Series E8KLE-A66T01CA00

DESCRIPTION

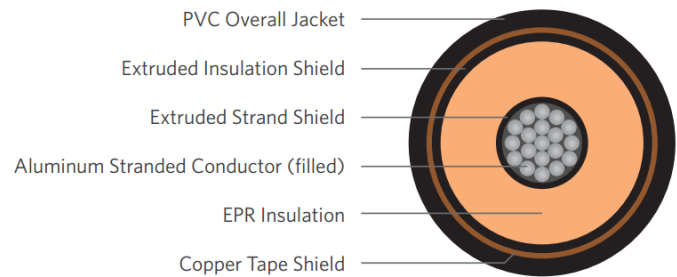
The Medium Voltage, EPR/Cu Tape Shield/PVC, Type MV-105 Cable consist of aluminum 1350 compact stranded filled conductors, covered with ethylene rubber (EPR), copper tape shield, and black PVC jacket. These cables are used in industrial power circuits.

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	Aluminum 1350 Class B compact (filled) strand
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
Other Compliances	AEIC CS8
	IEEE 1202
	EPA 40 CFR, Part 261
	OSHA

1C 500kcmil 37-wires Al 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-A66T01CA00	500	0.736	1.300	0.080	1.533	1,301

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