

EPR/CTS/PVC Power, Type MV-105, 5/8kV (133%/100%)

Series E8FLE with “compact” copper conductor

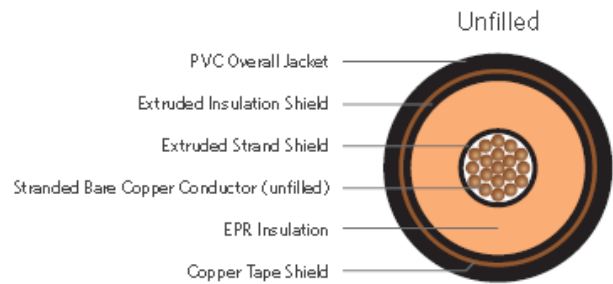
Part Number: E8FLE-A61T01CA00

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 unfilled strand
Insulation	EPR
Shield	Copper tape shield with 25% Overlap
Jacket	PVC

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

1C 500MCM unfilled Cu CMPCT 5kV-133%/8kV-100% 115mils EPR Cu Tape Shield PVC, MV105

PART NUMBER AND PHYSICAL CHARACTERISTICS

Part Number	Cond Size Gauge	Cond Diameter (In.)	Insulation Diameter (In.)	Jacket Thickness (In.)	Overall Diameter (In.)	Net Weight lbs/mft
E8FLE-A61T01CA00	500KCM	.736	1.01	.080	1.24	2,009

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