

EPR/CTS/PVC Power, Type MV-105, 3 Conductors

Series E8FLR, 5kV 133% / 8kV 100% 115mils I.L.

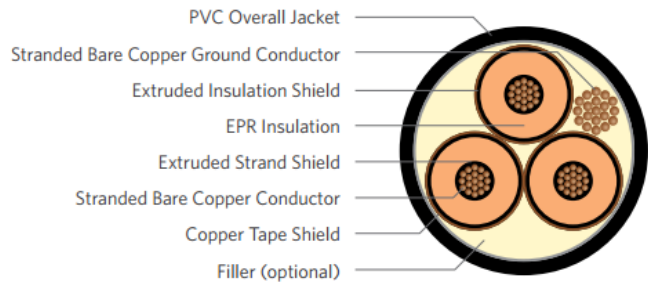
Part Number: E8FLR-A11T03CB00

DESCRIPTION

The 3 Conductor MV-105 Power Cables consist of fully annealed bare copper Class B compact filled stranded conductors, covered with ethylene propylene rubber (EPR), copper tape shield, an uninsulated bare ground, 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 compressed compact strand
Insulation	Ethylene Propylene Rubber (EPR)
Shield	Helically applied 5-mil copper tape shield with 25% overlap
Fillers	Non-hygroscopic filler
Ground Conductors	Uninsulated bare copper
Overall Jacket	Polyvinyl Chloride (PVC)

Packaging	Non-returnable reels
Performance Compliance	ASTM B8
	UL 1072
	ICEA S-93-639
	ICEA S-97-682
	AEIC CS8
Other Compliances	UL 1685 Flame Test
	NEC
	EPA 40 CFR, Part 261
	OSHA

PART NUMBER AND PHYSICAL CHARACTERISTICS

Part Number	Cond Size Gauge	Cond Diameter (In.)	Insulation Diameter (In.)	Ground AWG	Jacket Thickness (In.)	Overall Diameter (In.)	Net Weight (lbs/mft)
E8FLR-A11T03CB00	250	0.53	0.85	2	0.110	2.27	3995

The dimensions and weights shown are nominal and subject to industry standards.

Other designs available upon request