

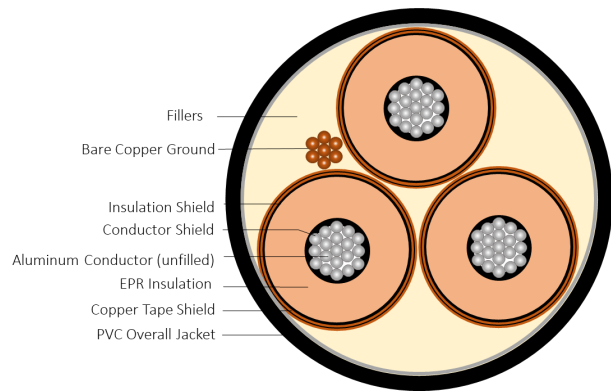
EPR/CTS/PVC Power, Type MV-105, 25kV 133%, 320mils 3 Conductor Un-Filled Aluminum - Silicone Free

DESCRIPTION

The medium voltage, EPR/Cu Tape Shield/PVC, The 3 Conductors Type MV-105 Cable consist of aluminum Class B stranded aluminum, covered with ethylene propylene rubber (EPR), copper tape shield, and a black polyvinyl chloride (PVC) jacket. These cables are used in industrial power circuits.

APPLICATIONS

- In conduit, duct, free air, direct burial and raceways, primary installations include cable trays, and outdoor locations.
- In wet or dry locations.
- Approved for Class I, Div. 2 industrial hazardous locations per NEC.
- 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



SERIES E8LLR

CONSTRUCTION

CONDUCTOR	1350 Aluminum (unfilled) Class B Strand Compressed Strand
STRAND SHIELD	Thermoset semi-conducting polymer
INSULATION	Ethylene Propylene Rubber (EPR)
INSULATION SHIELD	Thermoset semi-conducting polymer
SHIELD	Annealed copper tape helically applied with an approximate 25% overlap
GROUND	Uninsulated bare copper ground
JACKET	Black Polyvinyl Chloride (PVC)
JACKET MARKINGS	00000FT LS CABLE XXXKCMIL (or AWG) AL 3/C WITH GND 25KV 133% INSUL LEVEL 320 MILS EPR/PVC JKT MV-105 FOR CT USE (UL) SUN RES DIR BUR MADE IN USA MM/DD/YYYY (LIGHTNING BOLT)
PACKING	Non-returnable reels

STANDARDS (Compliance)

PERFORMANCE	AEIC CS8 ASTM B230 ASTM B231 ICEA S-93-639 ICEA S-97-682 UL 1072 UL 1685 NEC
OTHER	EPA 40 CFR, Part 261 OSHA

**EPR/CTS/PVC Power, Type MV-105, 25kV 133%, 320mils
3 Conductor Un-Filled Aluminum - Silicone Free**

SPECIFICATIONS							
Part Number	Conductor Size (AWG or kcmil)	Conductor Diameter (in)	Insulation Diameter (in)	Ground Size (AWG)	Jacket Thickness (in)	Approx. O.D (in)	Approx. Net Weight (lbs / kft)
E8LLR-B23F03CB00	750	0.968	1.64	1	0.130	4.02	6,790

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