

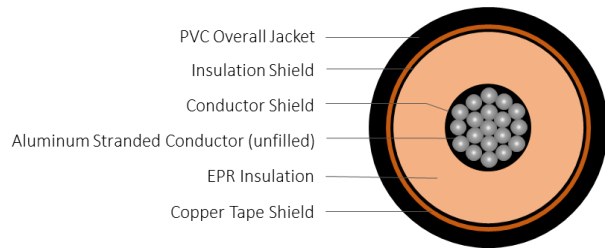
EPR/CTS/PVC Power, Type MV-105, 15kV 133%, 220-MILS Single Conductor Un-Filled Aluminum-Silicone Free

DESCRIPTION

This specification covers cables that consist of Aluminum un-filled conductor, covered with ethylene propylene rubber (EPR), copper taped shield (CTS) and a polyvinyl chloride (PVC) jacket

APPLICATIONS

- In conduit, duct, free air, and raceways primary installations include cable trays, and outdoor locations
- In direct burial if installed in a system with a ground conductor that is in close proximity, and conforms with NEC 250.4 (A)(5)
- 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



CONSTRUCTION

CONDUCTOR	Class B Compact Aluminum (unfilled)
STRAND SHIELD	Thermoset semi-conducting polymer
INSULATION	Ethylene propylene rubber (EPR)
INSULATION SHIELD	Thermoset semi-conducting polymer
SHIELD	5 mil copper tape with a 25% overlap
JACKET	Polyvinyl Chloride (PVC)
PACKAGING	Non-returnable reels

STANDARDS (Compliance)

PERFORMANCE	AEIC CS8 ASTM B-230 ASTM B-400 ICEA S-97-682 ICEA S-93-639 UL 1072
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PART NUMBER AND PHYSICAL CHARACTERISTICS

Part Number	Conductor Size (kcmil/AWG)	Conductor Diameter (in)	Insulation Diameter (in)	Metallic Shield	Jacket Thickness (in)	Approx. O.D. (in)	Approx. Net Weight (lbs / kft)
E8JLE-A83T01CA00	600	0.813	1.31	CTS with 25% overlap	0.075	1.54	1,365
E8JLE-4A3T01CA00	4/0	0.475	0.95	CTS with 25% overlap	0.075	1.19	765

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