EPR/CN/PVC, Type MV-105, Primary UD, 25kV 100%, 260-MILS

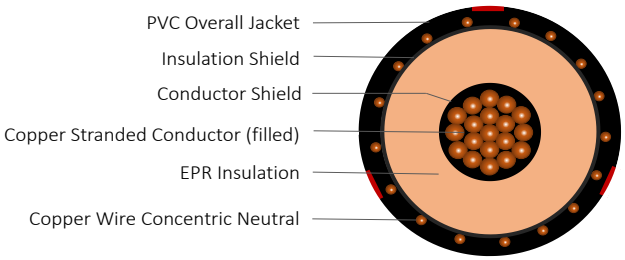
Single Conductor Filled Copper -Silicone Free

DESCRIPTION

This specification covers cables that consist of Copper filled conductor, covered with ethylene propylene rubber (EPR), a concentric neutral of helically applied copper wires, and a polyvinyl chloride (PVC) jacket.

APPLICATIONS

- Suitable for underground primary power applications: direct burial or in duct.
- For wet or dry locations
- Jacket is sunlight resistant, meeting the 720-hr exposure test
- Excellent resistance to treeing
- 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	Annealed bare copper (filled) Class B Strand Compressed
STRAND SHIELD	Thermoset semi-conducting polymer
INSULATION	Ethylene propylene rubber (EPR)
INSULATION SHIELD	Thermoset semi-conducting polymer
SHIELD	Helically applied, annealed, solid bare copper wires
JACKET	Polyvinyl Chloride (PVC)
PACKAGING	Non-returnable wooden reels

STANDARDS (Compliance)	
PERFORMANCE	AEIC CS8 ASTM B-3 ASTM B-8 ICEA S-94-649 UL 1072

SPECIFICATIONS

Part Number	Conductor Size	Conductor Diameter (in)	Insulation Diameter (in)	Metallic Shield	Jacket Thickness (in)	Approx. Overall Diameter (in)	Approx. Net Weight (lbs/kft)
E9KLT-B25B01CA00	**750 kcmil**	**0.968**	**1.52**	**24 x 10 AWG (1/3N)**	**0.080**	**1.99**	**4,249**

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