

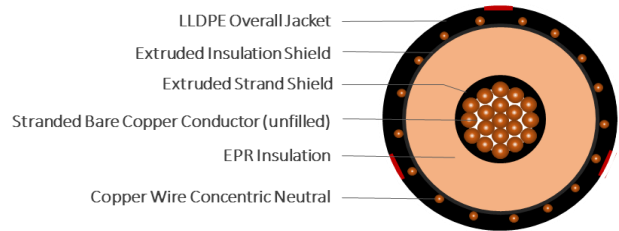
**EPR/CN/LLDPE, Type MV-90, Primary UD, 25kV 133%, 320-MILS  
Single Conductor Un-Filled Copper -Silicone Free**

**DESCRIPTION**

This specification covers cables that consist of Copper un-filled conductor, covered with ethylene propylene rubber (EPR), a concentric neutral of helically applied copper wires, and a linear low density polyethylene (LLDPE) jacket with 3 extruded red stripes.

**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		STANDARDS (Compliance)	
<b>CONDUCTOR</b>	Annealed bare copper (unfilled) Class B Strand Compact	<b>PERFORMANCE</b>	AEIC CS8 ASTM B-3 ASTM B-496 ICEA S-94-649 UL 1072
<b>STRAND SHIELD</b>	Thermoset semi-conducting polymer		
<b>INSULATION</b>	Ethylene propylene rubber (EPR)		
<b>INSULATION SHIELD</b>	Thermoset semi-conducting polymer		
<b>SHIELD</b>	Helically applied, annealed, solid bare copper wires		
<b>JACKET</b>	Linear low-density polyethylene (LLDPE)		
<b>PACKAGING</b>	Non-returnable wooden reels		

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)
E9LPT-B51T01CA00	1000 kcmil	1.060	1.75	32 x 10 AWG (1/3N)	0.080	2.25	5,402
E9LPT-B21T01CA00	750 kcmil	0.908	1.60	25 x 10 AWG (1/3N)	0.080	2.09	4,305
E9LPT-A61T01CA00	500 kcmil	0.736	1.42	26 x 12 AWG (1/3N)	0.080	1.84	3,036

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