

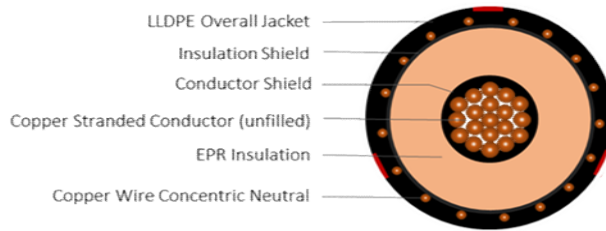
**EPR/CN/LLDPE, Type MV-90, Primary UD, 25kV 133%, 320-MILS  
Single Conductor Un-Filled Copper -Silicone Free**

**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
  - >> 90°C for normal operations
  - >> 130°C for emergency overload
  - >> 250°C for short circuit



CONSTRUCTION		STANDARDS (Compliance)	
<b>CONDUCTOR</b>	Annealed bare copper (unfilled) Class B Strand Compressed	<b>PERFORMANCE</b>	AEIC CS8 ASTM B3 ASTM B8 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-011B01CA00	1 AWG	0.322	0.99	7 x 14 AWG (1/3N)	0.055	1.31	930
E9LPT-1A1B01CA00	1/0 AWG	0.362	1.03	9 x 14 AWG (1/3N)	0.055	1.35	1,050
E9LPT-4A1B01CA00	4/0 AWG	0.512	1.18	18 x 14 AWG (1/3N)	0.055	1.52	1,605

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