

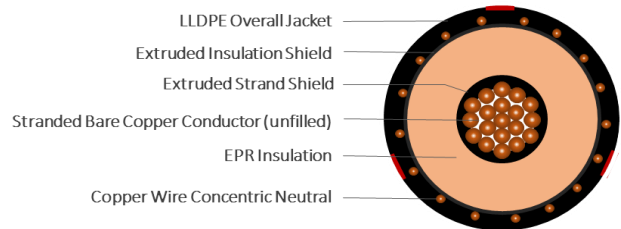
**EPR/CN/LLDPE, Type MV-90, Primary UD, 35kV 133%, 420mils
Single Conductor Unfilled Copper**

DESCRIPTION

This specification covers cables that consist of Copper unfilled 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	
CONDUCTOR	Annealed bare copper (unfilled)
STRAND SHIELD	Thermoset semi-conducting polymer
INSULATION	Ethylene propylene rubber (EPR)
INSULATION SHIELD	Thermoset semi-conducting polymer
SHIELD	Helically applied, annealed, solid bare
JACKET	Linear low-density polyethylene (LLDPE)
PACKAGING	Non-returnable wooden reels

STANDARDS (Compliance)	
PERFORMANCE	AEIC CS8 ASTM B3 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)	Overall Diameter (in)	Net Weight (lbs/kft)
E9NPT-3A1B01CA00	3/0	0.456	1.32	14 x 14 AWG (1/3N)	0.055	1.66	1,622

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