

## EPR/CN/LLDPE, Type MV-90, Primary UD, 15kV 100% 175-mils Single Conductor Aluminum—Silicone Free

### DESCRIPTION

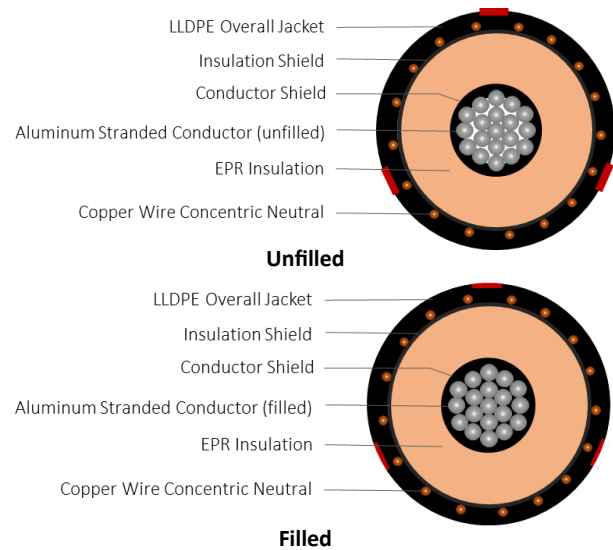
The specification covers cables that consist of Aluminum conductor, covered with ethylene propylene rubber (EPR), a concentric neutral of helically applied copper wires, and a linear low density polyethylene (LLDPE) jacket with 3 extruded red stripes,

### 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

<b>CONDUCTOR</b>	1350 Aluminum, Class B Stranded Compressed
<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>PACKING</b>	Non-returnable reels



### STANDARDS (Compliance)

<b>PERFORMANCE</b>	AEIC CS8 ASTM B8 ICEA S-93-639 ICEA S-97-682 UL 1072 UL 1685 NEC
<b>OTHER</b>	EPA 40 CFR, Part 261 OSHA REACH-Compliant RoHS/RoHS-2-Compliant

### SPECIFICATIONS

Part Number	Conductor Size (AWG)	Conductor Diameter (in)	Insulation Diameter (in)	Copper Concentric Neutrals (1/3N)	Jacket Thickness (in)	Approx. Overall Diameter (in)	Approx. Net Weight (lbs / Mft)
E9HPT-3A3F01CA00 (filled)	3/0	0.456	0.83	9 x 14AWG	0.055	1.15	670
E9HPT-3A6F01CA00 (unfilled)	3/0	0.456	0.83	9 x 14AWG	0.055	1.15	670

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