

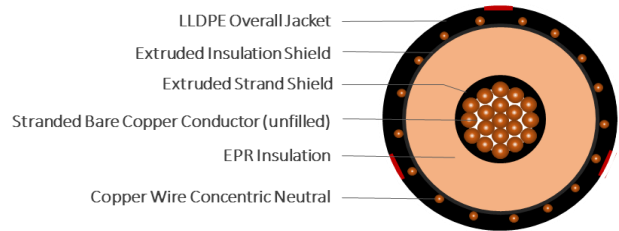
**EPR/CN/LLDPE, Type MV-90, Primary UD, 15kV 100%, 175-MILS
Single Conductor Un-Filled Copper -Silicone Free**

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) | |
|--------------------------|--|------------------------|--|
| CONDUCTOR | Annealed bare copper (unfilled) Class B Strand Compressed | PERFORMANCE | AEIC CS8 ASTM B-3 ASTM B-8 ICEA S-94-649 UL 1072 |
| 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 | Linear low-density polyethylene (LLDPE) | | |
| PACKAGING | 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) |
| E9HPG-A61B01CA00 | 500 kcmil | 0.789 | 1.17 | 24 x 14 AWG | 0.055 | 1.51 | 2,398 |

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