

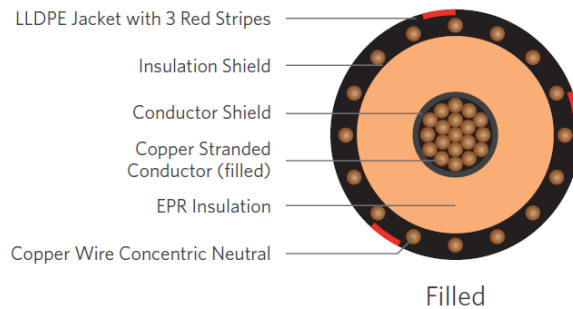
## EPR/CN/LLDPE, Type MV-90, Primary UD, 15kV 100%, 175-mils Three Cable multiplex 1000 kcmil, Copper, Custom Neutral

### DESCRIPTION

Medium Voltage Primary Underground Distribution (UD) cables consist of a Copper (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
- 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



**SERIES E9HPQ**

### CONSTRUCTION

<b>CONDUCTOR</b>	Bare Copper, Class B Strand (filled)
<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), Three red Stripes
<b>PACKAGING</b>	Non-returnable reels

### STANDARDS (Compliance)

<b>PERFORMANCE</b>	AEIC CS8 ASTM B3 ASTM B8 ICEA S-94-649 ICEA T-31-610 UL 1072 (MV-90) RUS U1
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### SPECIFICATIONS

Part Number	Conductor Size AWG or kcmil	Conductor Diameter (in)	Copper Concentric Neutrals (AWG)	Insulation Diameter (in)	Jacket Thickness (in)	Cable O.D. (in)	Cable Weight (lbs / Mft)	Bundle O.D. (in)	Bundle Weight (lbs/Mft)
E9HPQ-B55B03RQ01	1000	1.117	18 x 14	1.50	0.080	1.88	4,076	4.04	12,228

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