

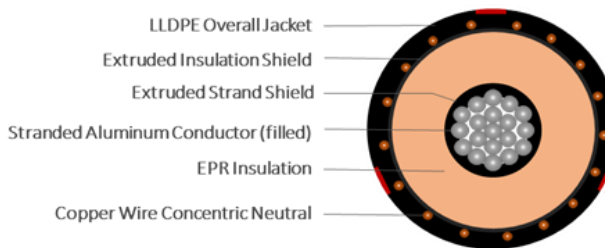
EPR/CN/LLDPE, Type MV-90, Primary UD, 15kV 133%, 220-mils Single Conductor Filled Aluminum—Silicone Free

DESCRIPTION

Medium Voltage Primary Underground Distribution (UD) cables consist of an aluminum (filled) conductor, covered with ethylene propylene rubber (EPR), a concentric neutral of helically applied copper wires, and moisture blocked 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



SERIES E9JP

CONSTRUCTION

CONDUCTOR	1350 Aluminum, Class B Strand Compressed (filled)
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	LLDPE jacket with three red stripes
PACKAGING	Non-returnable reels

STANDARDS (Compliance)

PERFORMANCE	AEIC CS8 ASTM B3 ASTM B230 ASTM B231 ICEA S-94-649 UL 1072
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SPECIFICATIONS

Part Number	Conductor Size	Conductor Diameter (in)	Insulation Diameter (in)	Copper Concentric Neutrals	Jacket Thickness (in)	Overall Diameter (in)	Net Weight (lbs / Mft)
E9JPM-1A6F01CA20	1/0 AWG	0.362	0.83	16 X 14AWG(FCN)	0.055	1.15	725
E9JPM-4A6F01CA20	4/0 AWG	0.512	0.98	32 X 14AWG(FCN)	0.055	1.30	1,100

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