

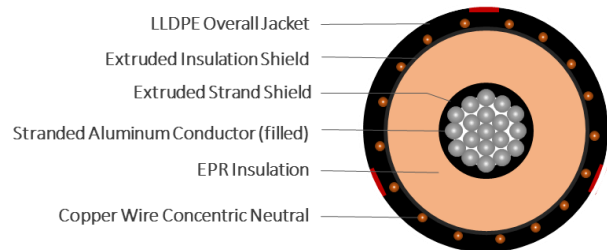
## EPR/CN/LLDPE, Primary UD, 15kV 133%, 220-mils Single Conductor Filled Aluminum Conductor

### DESCRIPTION

Medium Voltage Primary Underground Distribution (UD) cables consist of a filled aluminum conductor, covered with ethylene propylene rubber (EPR) insulation, 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



### CONSTRUCTION

<b>CONDUCTOR</b>	1350 Aluminum, Class B Strand Compressed (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) with three red stripes
<b>PACKAGING</b>	Non-returnable reels

### STANDARDS (Compliance)

<b>PERFORMANCE</b>	AEIC CS8
	ASTM B3
	ASTM B230
	ASTM B231
	ICEA S-94-649
	ICEA T-31-610

**PRINT STRING** XXXXXFT LS CABLE & SYSTEM U.S.A., INC. EPR 220 MILS AL XXX KCMIL 15KV 202X (LIGHTNING BOLT SYMBOL)

### SPECIFICATIONS

Part Number	Conductor Size (Kcmil)	Conductor Diameter (in)	Insulation Diameter (in)	Copper Concentric Neutrals	Jacket Thickness (in)	Overall Diameter (in)	Net Weight (lbs / kft)
E9JPT-B26F01CA01	750	0.968	1.44	15 x 10AWG (1/3N)	0.080	1.91	2,130
E9JPT-B56F01CA0M	1000	1.117	1.59	16 x 9AWG (1/3N)	0.080	2.11	2,690

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