

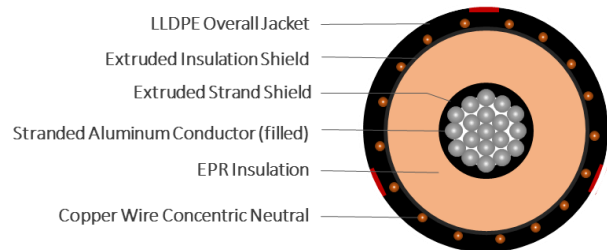
EPR/CN/LLDPE, Primary UD, 15kV 133%, 220-mils Single Conductor Filled Aluminum Conductor

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

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	Linear Low-Density Polyethylene (LLDPE) with three red stripes
PACKAGING	NEMA 50" x 32" x 24" CL1

STANDARDS (Compliance)

PERFORMANCE	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 1/0 AWG 15KV 202X (LIGHTNING BOLT SYMBOL)

SPECIFICATIONS

Part Number	Conductor Size (AWG)	Conductor Diameter (in)	Insulation Diameter (in)	Copper Concentric Neutrals	Jacket Thickness (in)	Overall Diameter (in)	Net Weight (lbs / kft)
E9JPM-1A6F01CA0M	1/0	0.362	0.83	16 x 14AWG (FCN)	0.055	1.15	725

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