

EPR/CN/LLDPE, Type Primary UD (Filled)

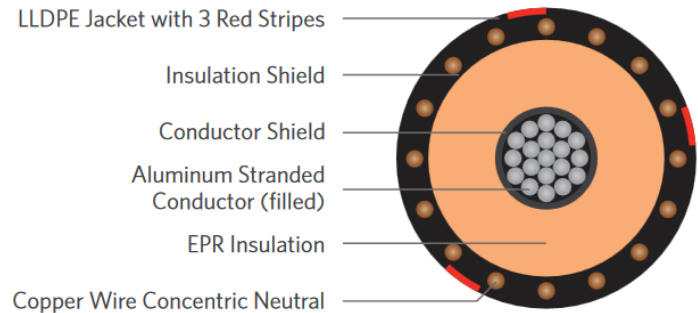
Part Number: E9HPJ-B56F01CA0x with special concentric neutrals (15 x #12awg)

DESCRIPTION

The Medium Voltage Primary Distribution Underground consist of Aluminum filled conductor, covered with ethylene rubber (EPR), helically applied copper wires for reduced concentric neutral, and LLDPE jacket black with 3 extruded red stripes.

APPLICATION

- Suitable for underground primary power applications
- For wet or dry locations
- For direct burial or in duct
- Excellent resistance to treeing
- Jacket is sunlight-resistance
- Designed to operate
 - » 105°C for normal operations
 - » 140°C for emergency overload
 - » 250°C for short circuit



SPECIFICATIONS

Conductor	Aluminum 1350 compressed lay stranded Class B (filled)	Packaging	Non-returnable reels
Insulation	Ethylene Propylene Rubber (EPR)	Performance	ASTM B3 ASTM B-230 and B-231 ICEA S-94-649 AEIC CS8 ICEA T-31-610 UL 1072 (MV-90) RUS
Neutral	Helically applied, annealed Solid bare copper wires		
Jacket	Linear Low-Density Polyethylene (LLDPE)		

1C 1000kcmil 61-wires Aluminum (filled) 15kV 100% 175mils EPR, (15-wires copper x 12AWG) 1/6 reduced concentric neutral, LLDPE jacket

PART NUMBER AND PHYSICAL CHARACTERISTICS							
Part Number	Conductor Size (AWG/kcmil)	Conductor Diameter (in.)	Insulation Diameter (in.)	Copper Concentric Neutral	Jacket Thickness (in.)	OD (in.)	Net Weight (lbs./MFT)
E9HPJ-B56F01CA0x	1000	1.10	1.50	(15 x #12awg)	.080	1.88	2,048

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