

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

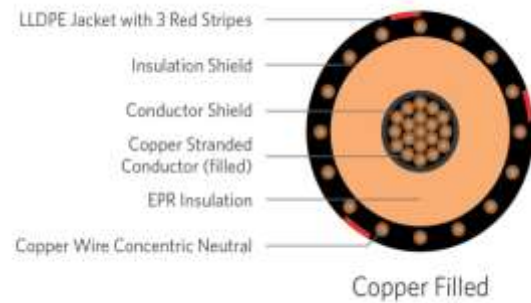
Part Number: **E9JPT-B55B01CA00**

DESCRIPTION

The Medium Voltage Primary Underground Distribution (UD) cables consist of a copper compressed stranded 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.

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	Fully annealed bare copper Class B compressed strand (filled)
Conductor Strand Shield	Extruded thermoset Semi-conducting polymer
Insulation	Ethylene Propylene Rubber (EPR)
Neutral	Helically applied, annealed, solid copper bare wires
Jacket	Linear Low-Density Polyethylene

Packaging	Non-returnable reels ASTM B-3 ASTM B496 ICEA S-94-649
Performance Compliance	AEIC CS8 UL 1072 (MV-90) ICEA T-31-610 RUS U1

1C 1000MCM 61-wires CU Compressed (filled), 15kV 133% 220mils EPR, (32-wires copper x 10AWG) 1/3 reduced concentric neutral, LLDPE jacket

PART NUMBER AND PHYSICAL CHARACTERISTICS

Part Number	Conductor Size (AWG/kcmil)	Conductor Diameter (in.)	Insulation Thickness (in.)	Copper Concentric Neutral	Jacket Thickness (in.)	OD (in.)	Net Weight (lbs./MFT)
E9JPT-B55B01CA00	1000	1.10	1.59	32 x 10AWG	.080	1.99	4,994

The dimensions and weights shown are nominal and subject to industry standards.