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

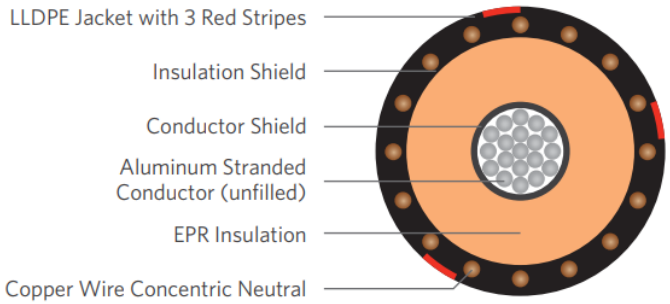
Part Number: E9JPT-B23F01CA0x

DESCRIPTION

The Medium Voltage Primary Underground Distribution (UD) cables consist of an Aluminum unfilled 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
  - » 90°C for normal operations
  - » 130°C for emergency overload
  - » 250°C for short circuit



SPECIFICATIONS

Conductor	Aluminum 1350 compressed Lay stranded Class B (Unfilled)
Conductor Strand Shield	Extruded thermoset Semi-conducting polymer
Insulation	Tree-Retardant Cross-linked Polyethylene (TR-XLPE)
Insulation Shield	Carbon Black Filled Cross-Linkable Compound
Neutral	Solid copper wires
Jacket	Linear Low-Density Polyethylene

Packaging	Non-returnable reels
Performance Compliance	ASTM B-3 ASTM B-230 ASTM B-231 ICEA-94-649 AEIC CS8 UL 1072 RUS U1

1C 750AWG 61-wires Aluminum (Unfilled), 15kV 133% 220mils EPR, (15-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 Diameter (in.)	Copper Concentric Neutral	Jacket Thickness (in.)	OD (in.)	Net Weight (lbs./MFT)
E9JPT-B23F01CA0x	750	0.949	1.440	15 x 10AWG (1/3RCN)	0.080	1.82	1,998

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