

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

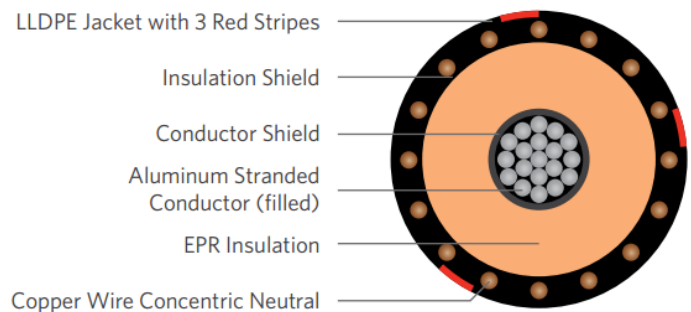
Part Number: E9KPT-4A6F01CA20

DESCRIPTION

The Medium Voltage Primary Underground Distribution (UD) cables consist of an Aluminum (Filled) conductor, covered with Ethylene Propylene Rubber (EPR), a concentric neutral of helically applied copper wires, moisture block 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	Aluminum 1350 compressed lay stranded Class B (filled)
Conductor Strand Shield	Extruded thermoset Semi-conducting polymer
Insulation	Ethylene Propylene Rubber (EPR)
Neutral	Solid copper wires
Moisture Block	Powder
Jacket	Linear Low-Density Polyethylene (LLDPE) with water swell-able powder under jacket

Packaging	Non-returnable reels
Performance	ASTM B-3 ASTM B-230 ASTM B-231
Compliance	ICEA S-94-649 AEIC CS8 UL 1072 (MV-90) RUS U1

1C 4/0AWG 19-wires Aluminum (filled), 25kV 100% 260mils EPR, (11-wires copper x 14AWG) 1/3 reduced concentric neutral, with moisture block under LLDPE jacket

PART NUMBER AND PHYSICAL CHARACTERISTICS

Part Number	Conductor Size (AWG/kcmil)	Conductor Diameter (in.)	Copper Concentric Neutral	Insulation Diameter (in.)	Jacket Thickness (in.)	OD (in.)	Net Weight (lbs./MFT)
E9KPT-4A6F01CA20	4/0	0.507	11 x 14AWG	1.08	0.055	1.41	894

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