

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

35kV 100% 345mils

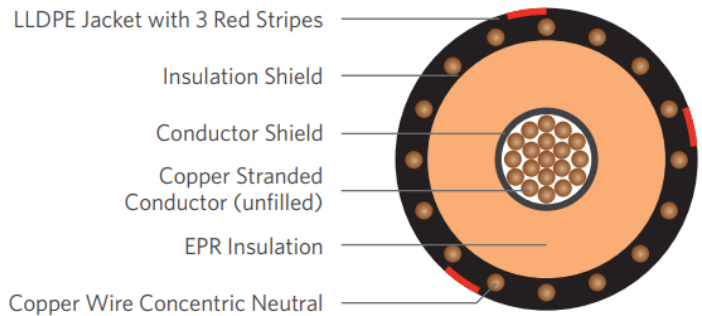
Part Number: E9MPT-1A1T01CA00

DESCRIPTION

The Medium Voltage Primary Underground Distribution (UD) cables consist of a copper compact stranded 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
 - » 105°C for normal operations
 - » 140°C for emergency overload
 - » 250°C for short circuit



SPECIFICATIONS

Conductor	Bare copper class B strand Compact (unfilled)
Conductor	Extruded thermoset
Strand Shield	Semi-conducting polymer
Insulation	Ethylene Propylene Rubber (EPR)
Neutral	Solid copper wires
Jacket	Linear Low-Density Polyethylene

Packaging	Non-returnable reels
Performance	ASTM B-3
Compliance	ASTM B-496 ICEA S-94-649 AEIC CS8 UL 1072 (MV-90) RUS U1

1C 1/0AWG 19-wires Copper Compact (unfilled), 35kV 100% 345mils EPR, (9-wires copper x 14AWG) 1/3 reduced concentric neutral, LLDPE jacket.

PART NUMBER AND PHYSICAL CHARACTERISTICS

Part Number	Cond Size AWG/kcmil	Cond Diameter in	Insulation thickness in	Copper Concentric Neutral	Jacket Thickness in	OD in	Net Weight lbs/mft
E9MPT-1A1T01CA00	1/0	0.336	1.08	9 x 14AWG	0.055	1.35	1119

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