

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

35kV 100% 345mils

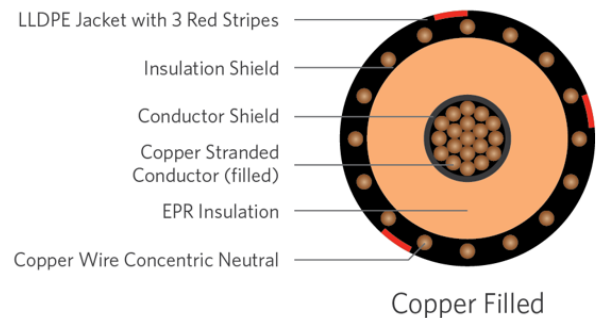
Part Number: E9MPT-A35T01CA00

**DESCRIPTION**

The Medium Voltage Primary Underground Distribution (UD) cables consist of a copper compact 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**

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

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

**1C 350kcmil 37-wires Copper Compact (filled), 35kV 100% 345mils EPR, (29-wires copper x 14AWG) 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
E9MPT-A35T01CA00	350	0.654	1.41	29 x 14AWG	0.080	1.77	2,493

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