

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

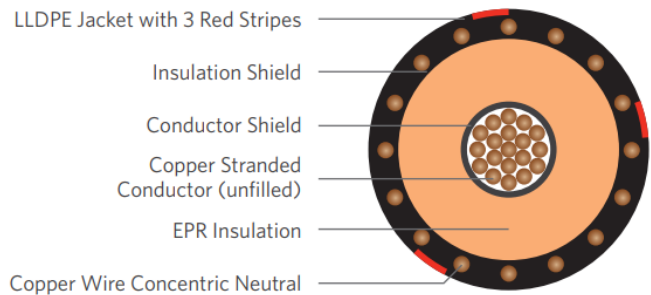
Part Number: E9MPPM-1A1T01CA00

### 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

<b>Conductor</b>	Bare copper class B strand Compact (unfilled)
<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 ASTM B-3 ASTM B-496 ICEA S-94-649
<b>Performance Compliance</b>	AEIC CS8 UL 1072 (MV-90) RUS U1

**1C 1/0AWG 19-wires Copper Compact (unfilled), 35kV 100% 345mils EPR, (25-wires copper x 14AWG) full 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	Overall Diameter in	Net Weight lbs/mft
E9MPPM-1A1T01CA00	1/0	0.336	1.06	25 x 14AWG	0.055	1.40	1,300

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