

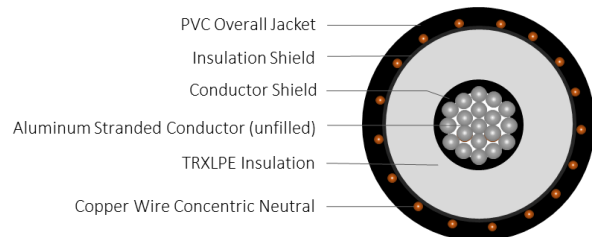
## TR-XLPE/CN/PVC, Type MV-105, Primary UD, 35kV 133%, 420-mils Single Conductor Un-Filled Aluminum—Silicone Free

### DESCRIPTION

This specification covers cables that consist of Aluminum un-filled conductor, covered with tree-retardant cross-linked polyethylene (TR-XLPE), a concentric neutral of helically applied copper wires, and a polyvinyl chloride (PVC) jacket

### APPLICATIONS

- Suitable for underground primary power applications: direct burial or In duct.
- For wet or dry locations
- Jacket is sunlight resistant, meeting the 720-hr exposure test
- Excellent resistance to treeing
- Designed to operate continuously at a conductor temperature not exceeding
  - » 90°C for normal operations
  - » 130°C for emergency overload
  - » 250°C for short circuit



**SERIES E9NUT**

### CONSTRUCTION

<b>CONDUCTOR</b>	1350 Aluminum (unfilled) Class B Strand Compressed
<b>STRAND SHIELD</b>	Thermoset semi-conducting polymer
<b>INSULATION</b>	Tree-Retardant Cross-Linked Polyethylene (TR-XLPE)
<b>INSULATION SHIELD</b>	Thermoset semi-conducting polymer
<b>SHIELD</b>	Helically applied, annealed solid bare copper wires
<b>JACKET</b>	Polyvinyl Chloride (PVC)
<b>PACKAGING</b>	Non-returnable reels

### STANDARDS (Compliance)

<b>PERFORMANCE</b>	AEIC CS8 ASTM B3 ASTM B230 ASTM B231 ICEA S-94-649 UL 1072
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SPECIFICATIONS							
Part Number	Conductor Size (AWG or kcmil)	Conductor Diameter (in)	Insulation Diameter (in)	Metallic Shield	Jacket Thickness (in)	Approx. Overall Diameter (in)	Approx. Net Weight (lbs / Mft)
E9NUT-4A3F01CA00	4/0	0.512	1.38	11 x 14 AWG (1/3N)	0.080	1.77	1,400
E9NUT-B23F01CA00	750	0.968	1.84	24 x 12 AWG (1/3N)	0.080	2.29	2,760

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