

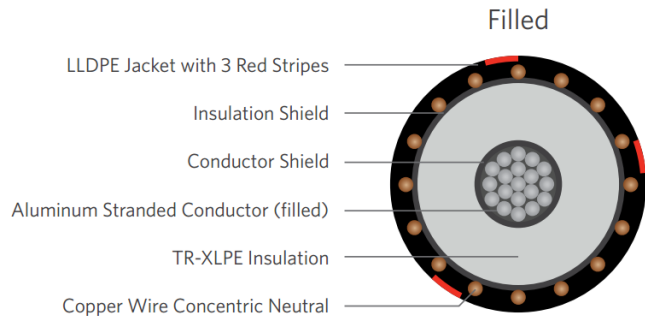
## TR-XLPE/CN/LLDPE, MV-90 Type Primary UD (Filled) Series E9NKx

### DESCRIPTION

The Medium Voltage Primary Underground Distribution (UD) cables consist of an Aluminum (filled) conductor, tree-retardant cross-linked polyethylene (TR- XLPE) insulation, 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
  - » 90°C for normal operations
  - » 130°C for emergency overload
  - » 250°C for short circuit



### SPECIFICATIONS

<b>Conductor</b>	Aluminum 1350 compressed Lay stranded Class B (Filled)
<b>Conductor Strand Shield</b>	Extruded thermoset Semi-conducting polymer
<b>Insulation</b>	Tree-Retardant Cross-linked Polyethylene (TR-XLPE)
<b>Neutral</b>	Helically applied 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-230
	ASTM B-231
	ICEA S-94-649
	AEIC CS8
	UL 1072 (MV-90)

### PART NUMBER AND PHYSICAL CHARACTERISTICS

Part Number	Conductor Size (AWG/kcmil)	Cond Diameter (in.)	Copper Concentric Neutral	Insulation Diameter (in.)	Jacket Thickness (in.)	OD (in.)	Net Weight (lbs./MFT)
E9NKT-1A6F01CA00	1/0	0.355	6 x 14AWG (1/3RCN)	1.23	0.055	1.56	914
E9NKM-1A6F01CA00	1/0	0.355	16 x 14AWG (FCN)	1.23	0.055	1.56	1,029
E9NKM-2A6F01CA00	2/0	0.397	20 x 14AWG (FCN)	1.27	0.055	1.60	1,134
E9NKM-3A6F01CA00	3/0	0.447	25 x 14AWG (FCN)	1.32	0.055	1.70	1,316
E9NKT-4A6F01CA00	4/0	0.502	11 x 14AWG (1/3RCN)	1.38	0.055	1.76	1,239
E9NKM-4A6F01CA00	4/0	0.502	32 x 14AWG (FCN)	1.38	0.055	1.76	1,482
E9NKT-A16F01CA00	250	0.547	13 x 14AWG (1/3RCN)	1.43	0.080	1.81	1,344
E9NKT-A36F01CA00	350	0.648	18 x 14AWG (1/3RCN)	1.53	0.080	1.94	1,621
E9NKM-A36F01CA00	350	0.648	32 x 12AWG (FCN)	1.53	0.080	1.94	2,014
E9NKT-A66F01CA00	500	0.773	25 x 14AWG (1/3RCN)	1.66	0.080	2.01	1,954
E9NKT-B26F01CA00	750	0.949	24 x 12AWG (1/3RCN)	1.84	0.080	2.25	2,488
E9NKT-B56F01CA00	1000	1.095	31 12AWG (1/3RCN)	1.99	0.080	2.40	2,982

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