

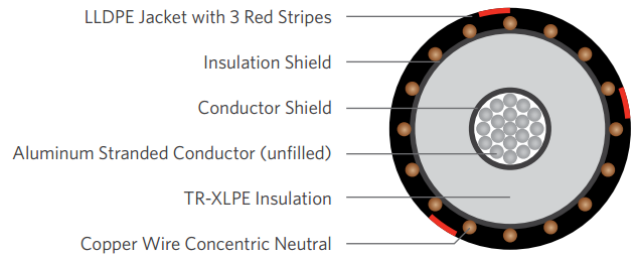
TR-XLPE/CN/LLDPE, MV-90 Type Primary UD (Unfilled)
Series E9NKT

DESCRIPTION

The Medium Voltage Primary Underground Distribution (UD) cables consist of an Aluminum (unfilled) 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

Conductor	Aluminum 1350 compressed Lay stranded Class B (unfilled)
Conductor Strand Shield	Extruded thermoset Semi-conducting polymer
Insulation	Tree-Retardant Cross-linked Polyethylene (TR-XLPE)
Neutral	Helically applied copper wires
Jacket	Linear Low-Density Polyethylene

Packaging	Non-returnable reels
Performance	ASTM B-3
Compliance	ASTM B-230
	ASTM B-231
	ICEA S-94-649
	UL 1072 (MV-90)

1C Aluminum (unfilled), 35kV 133% 420mils TR-XLPE, 1/3 reduced concentric neutral, LLDPE jacket

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-023F01CA00	2	0.283	6 x 14AWG (1/3RCN)	1.133	0.055	1.462	798
E9NKT-4A3F01CA00	4/0	0.512	11 x 14AWG (1/3RCN)	1.358	0.080	1.736	1,217
E9NKT-1A3F01CA00	1/0	0.362	6 x 14AWG (1/3RCN)	1.262	0.055	1.541	1,009
E9NKT-A33F01CA00	350	0.661	18 x 14AWG (1/3RCN)	1.561	0.080	2.060	1,678
E9NKT-A63F01CA00	500	0.789	25 x 14AWG (1/3RCN)	1.689	0.080	2.107	2,179
E9NKT-B23F01CA00	750	0.968	24 x 12AWG (1/3RCN)	1.868	0.080	2.211	2,872

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

Other designs available upon request.