

TR-XLPE/CN/LLDPE Power, MV-90 Type Primary UD

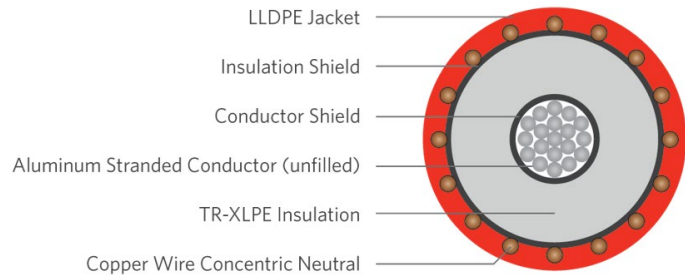
Series E9JK with solid red jacket

DESCRIPTION

The Medium Voltage Primary Underground Distribution (UD) cables consist of an Aluminum stranded unfilled conductor, covered with Tree Retardant Cross-Linked (TR-XLPE), a concentric neutral of helically applied copper wires, and a solid red linear low-density polyethylene (LLDPE) jacket.

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 Stranded, Class B Unfilled
Conductor Strand Shield	Extruded thermoset Semi-conducting polymer
Insulation	Cross-Linked Polyethylene (TR-XLPE)
Neutral	Helically applied solid copper wires
Jacket	Linear Low-Density Polyethylene

Packaging	Non-returnable reels
	ASTM B-3
	ASTM B-230
	ASTM B-231
Performance Compliance	ICEA S-94-649
	AEIC CS8
	UL 1072 (MV-90)
	RUS U1

PART NUMBER AND PHYSICAL CHARACTERISTICS

Part Number	Cond Size AWG/kcmil	Cond Diameter in	Insulation Diameter inches	Copper Concentric Neutral	Jacket Thickness inches	OD inches	Net Weight lbs/mft
E9JKT-A63F01CA00	500	0.781	1.29	25w x 14	0.055	1.66	1,534
E9JKT-B23F01CA00	750	0.958	1.48	24w x 12	0.080	1.90	2,043

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