

TR-XLPE/CN/LLDPE, Type Primary UD

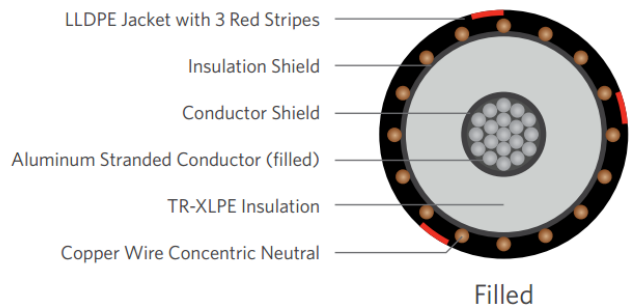
Spec E9MKS-B83F01CA00

DESCRIPTION

The Medium Voltage Primary Underground Distribution (UD) cables consist of an aluminum conductor (unfilled), covered with tree-retardant cross-linked polyethylene (TR- XLPE), a concentric neutral of helically applied copper wires, and a sunlight resistant 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
- Jacket is sunlight resistant, meeting the 720-hr exposure test
- Designed to operate
 - » 90°C for normal operations
 - » 130°C for emergency overload
 - » 250°C for short circuit



SPECIFICATIONS

Conductor	Aluminum 1350 compressed stranded Class B (unfilled)	Packaging	Non-returnable reels
Conductor Strand Shield	Extruded thermoset Semi-conducting polymer	Performance Compliance	ASTM B-3, B-230, B-231
Insulation	Tree-Retardant Cross-linked Polyethylene (TR-XLPE)		ICEA S-94-649
Neutral	Concentric Neutral		AEIC CS8
Jacket	Linear Low-Density Polyethylene		RUS U1 (upon request)
			UL 1072 (MV-90)

PART NUMBER AND PHYSICAL CHARACTERISTICS

Part Number	Conductor Size (AWG/kcmil)	Conductor Diameter (in.)	Copper Concentric Neutral	Insulation Diameter (in.)	Jacket Thickness (in.)	OD (in.)	Net Weight (lbs/MFT)
E9MKS-B83F01CA00	1250	1.250	16 x 14 AWG	2.000	0.080	2.420	4200

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