

TR-XLPE/CN/XLPE, Type Primary UD

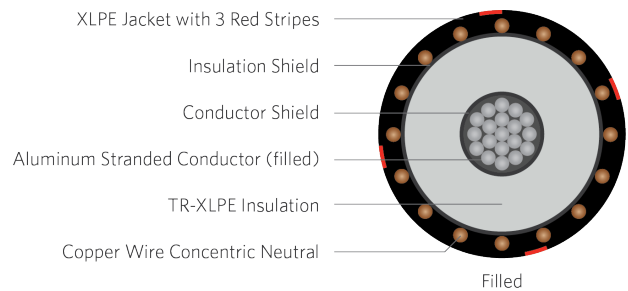
Part Number E9MWJ-C26F01CA21

DESCRIPTION

The Medium Voltage Primary Underground Distribution (UD) cables consists of an aluminum (Filled) conductor, covered with tree-retardant cross-linked polyethylene (TR- XLPE), a concentric neutral of helically applied copper wires, moisture block and a sunlight resistant cross-linked polyethylene (XLPE) 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 continuously at a conductor temperature not exceeding
 - » 105°C for normal operations
 - » 140°C for emergency overload
 - » 250°C for short circuit



SPECIFICATIONS

Conductor	Aluminum 1350 compressed stranded Class B (Filled)
Conductor Strand Shield	Extruded thermoset Semi-conducting polymer
Insulation	Tree-Retardant Cross-linked Polyethylene (TR-XLPE)
Neutral	Concentric Neutral
Moisture Block	Water Swellable Powder
Jacket	Cross-linked Polyethylene (XLPE)

Packaging	Non-returnable reels
Performance Compliance	ASTM B-3, B-230, B-231 ICEA S-94-649 ICEA T-34-644 AEIC CS8 RUS U1 UL 1072 (MV-105)

1C 1500 kcmil Aluminum (Filled), 35kV 100% 345mils TR-XLPE, (17 copper wires x 12 AWG) 1/6 reduced concentric neutral, with moisture block XLPE jacket

PART NUMBER AND PHYSICAL CHARACTERISTICS

Part Number	Conductor Size (AWG/kcmil)	Cond Diameter (in.)	Insulation Diameter (in.)	Copper Concentric Neutral	Jacket Thickness (in.)	OD (in.)	Net Weight lbs./MFT
E9MWJ-C26F01CA21	1500	1.370	2.120	17 x 12 AWG	0.080	2.57	2,064

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