

TR-XLPE/CN/XLPE, Type Primary UD MV-105, 15kV 133%, 220-mils

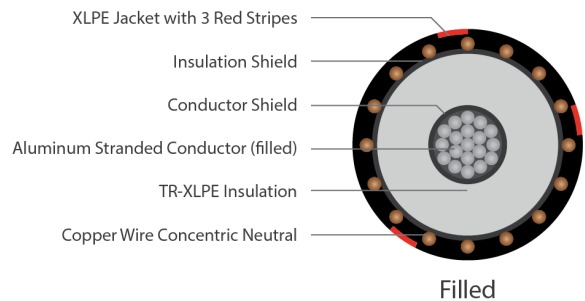
Part Number: E9JWM-2A6F01CA00

DESCRIPTION

The Medium Voltage Primary Underground Distribution (UD) cables consist of an aluminum (filled) conductor, covered with tree-retardant cross-linked polyethylene (TR- XLPE), a concentric neutral of helically applied copper wires, 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	Filled copper compressed lay strand
Conductor Strand Shield	Extruded thermoset Semi-conducting polymer
Insulation	Tree-Retardant Cross-linked Polyethylene (TR-XLPE)
Neutral	Helically applied, annealed solid bare copper wires
Jacket	Cross-linked Polyethylene (XLPE)

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

1C 2/0 19-strand Aluminum (filled), 15kV 133% 220mils TR-XLPE, full concentric neutral, XLPE Jacket

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)
E9JWM-2A6F01CA00	2/0	0.406	15 x 14	0.880	0.055	1.250	1080

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