

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

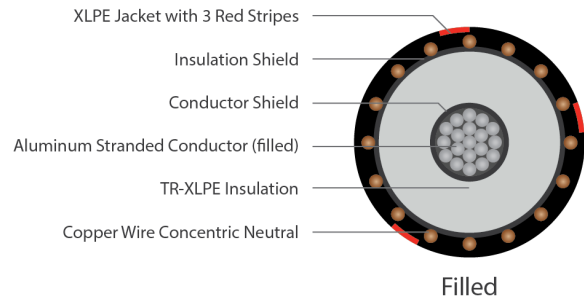
Part Number: E9JWT-4A6F01CA20

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 moisture blocked 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 Class B Compressed (filled)
Conductor Shield	Extruded thermoset Semi-conducting polymer
Insulation	Tree-Retardant Cross-linked Polyethylene (TR-XLPE)
Insulation Shield	Extruded thermoset Semi-conducting polymer
Neutral	Helically applied, annealed solid bare copper wires
Jacket	Moisture Blocked Cross-linked Polyethylene (XLPE)

Packaging	Non-returnable reels
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Performance Compliance	ASTM B-3, B-230, B-231 ICEA S-94-649 ICEA T-34-664 AEIC CS8 RUS-1 UL 1072 (MV-105)
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1C 4/0 Aluminum (filled), 15kV 133% 220mils TR-XLPE, third neutral (8-x 14 AWG), moisture blocked XLPE jacket

PART NUMBER AND PHYSICAL CHARACTERISTICS

Part Number	Conductor Size (AWG/kcmil)	Conductor Diameter (in.)	Insulation Diameter (in.)	Copper Concentric Neutral	Jacket Thickness (in.)	OD (in.)	Net Weight (lbs./MFT)
E9JWT-4A6F01CA20	4/0	0.512	0.990	8 x 14 AWG	0.055	1.310	1214

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