

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

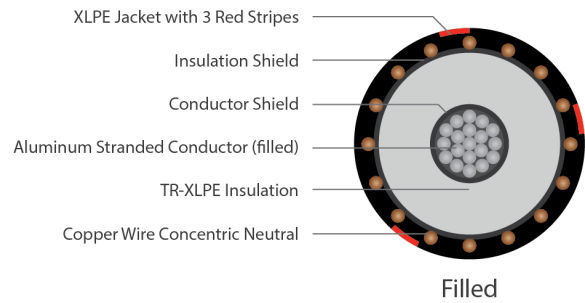
Part Number: E9JWT-B26F01CA20

**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**

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

<b>Packaging</b>	Non-returnable reels
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<b>Performance Compliance</b>	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 750 kcmil Aluminum (filled), 15kV 133% 220mils TR-XLPE, third neutral (17-x 12 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-B26F01CA20	750	0.968	1.460	17 x 12 AWG	0.080	1.880	3471

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