TR-XLPE/CN/LLDPE, Type Primary UD

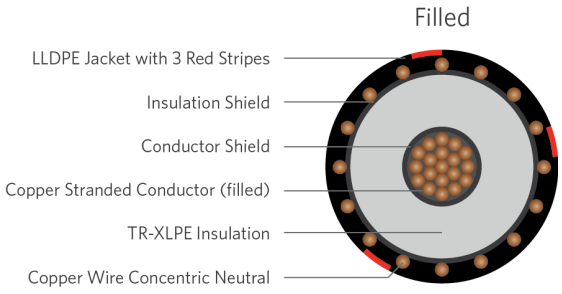
Part Number: E9MKT-B55B01CA20

DESCRIPTION

The Medium Voltage Primary Underground Distribution (UD) cables consist of a copper (filled) conductor, 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) moisture blocked 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
  - » 90°C for normal operations
  - » 130°C for emergency overload
  - » 250°C for short circuit



SPECIFICATIONS

Conductor	Copper compressed stranded Class B (filled)
Conductor Strand Shield	Extruded thermoset Semi-conducting polymer
Insulation	Tree-Retardant Cross-linked Polyethylene (TR-XLPE)
Neutral	Concentric Neutral
Jacket	Moisture Blocked Linear Low-Density Polyethylene

Packaging	Non-returnable reels
Performance Compliance	ASTM B-3, B-8 ICEA S-94-649 ICEA T-34-664 AEIC CS8 RUS U1 UL 1072 (MV-90)

1C 1000 kcmil CU Filled 35kV 100% 345mils TRXLPE Third Neutral (32w x 10) Moisture Blocked LLDPE Jacket, Type MV-90, URD

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)
E9MKT-B55B01CA20	1000	1.117	1.860	32 x 10	0.080	2.355	5390

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