EPR/CN/XLPE Power, MV-105 Type Primary UD, 15kV 133%

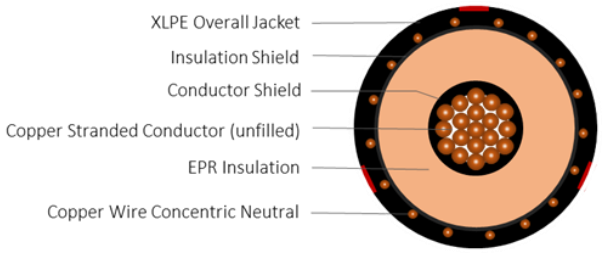
Single Conductor Un-Filled Copper - Silicone Free

DESCRIPTION

The Medium Voltage Underground Distribution (UD) cables consist of a copper un-filled conductor, covered with ethylene propylene rubber (EPR), a concentric neutral of helically applied copper wires, and a cross-linked polyethylene (XLPE) jacket with 3 extruded red stripes.

APPLICATIONS

- Suitable for underground primary power applications: direct burial or in duct.
- For wet or dry locations.
- Jacket is sunlight resistant.
- Excellent resistance to treeing
- 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



SERIES U15BEX

CONSTRUCTION

CONDUCTOR	Fully annealed bare copper (unfilled) Class B compressed strand
STRAND SHIELD	Extruded thermoset semi-conducting polymer over the conductor
INSULATION	Ethylene propylene rubber (EPR)
INSULATION SHIELD	Extruded thermoset semi-conducting polymer over the insulation
SHIELD	Helically applied, annealed, solid bare copper wires Reduced wire number per ICEA P-45-482 calculations
JACKET	Cross-linked polyethylene (XLPE)
JACKET MARKING	00000 FT LS CABLE XXXKCMIL (or AWG) CU 1/C 15KV 133% INSUL LEVEL 220 MILS EPR 'No. of Neutral' X # 'Neutral size' XLPE JKT MV-105 (UL) MADE IN USA MM/DD/YYYY (LIGHTNING BOLT SYMBOL)
PACKING	Non-returnable wood reels

STANDARDS (Compliance)

PERFORMANCE	AEIC CS8 ASTM B3 ASTM B8 ICEA S-94-649 UL 1072
OTHER	OSHA

EPR/CN/XLPE Power, MV-105 Type Primary UD, 15kV 133%

Single Conductor Un-Filled Copper - Silicone Free

SPECIFICATIONS							
Part Number	**Conductor Size (AWG/kcmil)**	**Conductor Diameter (in)**	**Insulation Diameter (in)**	**Concentric Neutral (No. x AWG)**	**Jacket Thickness (in)**	**Approx. O.D (in)**	**Approx. Weight (lbs/kft)**
U15BEX-1ACB-1CZ-R1Z-Z	1/0	0.362	0.86	18 x 14 (FCN)	0.050	1.19	975

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