

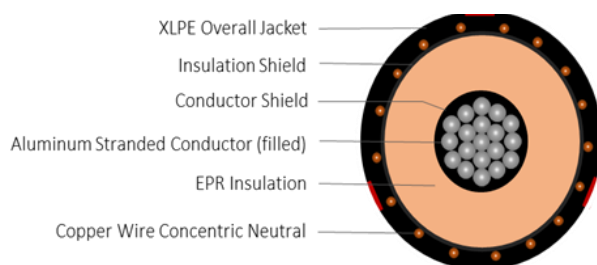
EPR/CN/XLPE Power, MV-105 Type Primary UD, 15kV 133%, 220-MILS Single Conductor Filled Aluminum - Silicone Free

DESCRIPTION

The Medium Voltage Underground Distribution (UD) cables consist of an aluminum 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	Aluminum 1350 (filled) 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
JACKET	Cross-linked polyethylene (XLPE)
JACKET MARKING	00000 FT LS CABLE 2 AWG FS AL 1/C 15KV 133% INSUL LEVEL 220 MILS EPR 7 X #14 AWG 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 B230 ASTM B231 ICEA S-94-649 ICEA T-31-610 UL 1072
OTHER	OSHA

EPR/CN/XLPE Power, MV-105 Type Primary UD, 15kV 133%, 220-MILS Single Conductor Filled Aluminum - 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-02FB-1CZ-R1Z-Z	2	0.283	0.78	7 x 14 (FCN)	0.050	1.10	540

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