

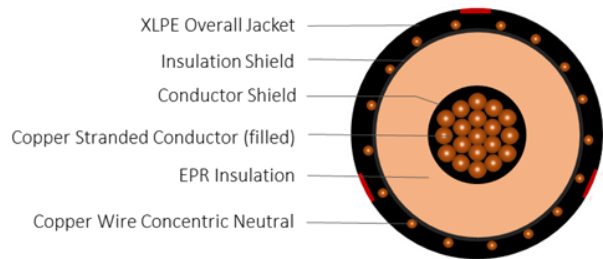
EPR/CN/XLPE, Type MV-105, Primary UD, 15kV 133%, 220mils Single Conductor Filled Copper - Silicone Free

DESCRIPTION

This specification covers cables that consist of Copper filled conductor, covered with ethylene propylene rubber (EPR), a concentric neutral of helically applied copper wires, and a moisture blocked 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, meeting the 720-hr exposure test.
- 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 E9JY

CONSTRUCTION

CONDUCTOR	Annealed bare copper (filled) Class B Strand Compressed
STRAND SHIELD	Thermoset semi-conducting polymer
INSULATION	Ethylene propylene rubber (EPR)
INSULATION SHIELD	Thermoset semi-conducting polymer
SHIELD	Helically applied, annealed, solid bare copper wires Reduced wire number per ICEA P-45-482 calculations
JACKET	Moisture blocked Cross-linked Polyethylene (XLPE)
JACKET MARKING	00000 FT LS CABLE XXXXCMIL (or AWG) FS CU 1/C 15KV 133% INSUL LEVEL 220 MILS EPR 'No. of Neutral' X # 'Neutral size' MB XLPE JKT MV-105 (UL) MADE IN USA MM/DD/YYYY (LIGHTNING BOLT SYMBOL)
PACKING	Non-returnable reels

STANDARDS (Compliance)

PERFORMANCE	AEIC CS8 ASTM B3 ASTM B8 ICEA S-94-649 ICEA T-34-664 UL 1072 NEC
OTHER	EPA 40 CFR, Part 261 OSHA

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Single Conductor Filled Copper - Silicone Free**

SPECIFICATIONS							
Part Number	Conductor Size (AWG or kcmil)	Conductor Diameter (in)	Insulation Diameter (in)	Metallic Shield	Jacket Thickness (in)	Approx. O.D (in)	Approx. Weight (lbs/kft)
E9JYT-4A5B01CA20	4/0	0.512	0.98	13 x 14 AWG (1/3N)	0.055	1.30	1,315

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