

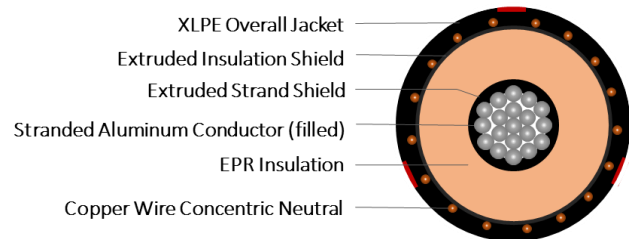
EPR/CN/XLPE, Type MV-105, 35kV 100%, 345-mils—Silicone Free Single Conductor Filled Aluminum

DESCRIPTION

Medium Voltage Primary Underground Distribution (URD) 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) moisture blocked 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 E9MYT

CONSTRUCTION

CONDUCTOR	1350 Aluminum, Class B Strand Compressed (filled)
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 numbers per ICEA P-45-482 calculations
JACKET	Moisture blocked Cross-Linked Polyethylene (XLPE) jacket with three red stripes
PACKAGING	Non-returnable reels

STANDARDS (Compliance)

PERFORMANCE	AEIC CS8 ASTM B3 ASTM B230 ASTM B231 ICEA P-45-482 ICEA S-94-649 ICEA T-34-664 UL 1072
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SPECIFICATIONS							
Part Number	Conductor Size (kcmil)	Conductor Diameter (in)	Insulation Diameter (in)	Copper Concentric Neutrals (1/3 Neutral)	Jacket Thickness (in)	Overall Diameter (in)	Net Weight (lbs / Mft)
E9MYT-A16F01CA20	250	0.558	1.28	10 x 14AWG	0.055	1.62	1,210
E9MYT-A36F01CA20	350	0.661	1.38	13 x 14AWG	0.080	1.77	1,475
E9MYT-B26F01CA21	750	0.968	1.69	17 x 12AWG	0.080	2.14	2,365
E9MYT-B56F01CA20	1000	1.117	1.84	23 x 12AWG	0.080	2.29	2,840

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