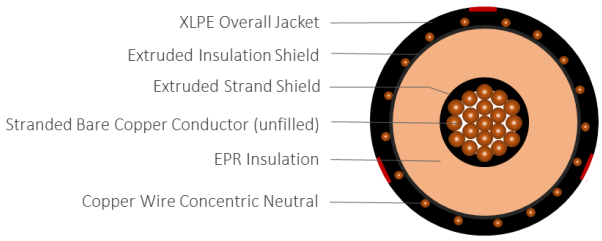
EPR/CN/XLPE, Type MV-105, Primary UD, 15kV 133%, 220-mils
Single Conductor 350 kcmil, Compact Copper, 1/3 Round Concentric Neutral

DESCRIPTION
Medium Voltage Primary Underground Distribution (UD) cables consist of a copper (unfilled) 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, 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 E9JYT

CONSTRUCTION

CONDUCTOR	Bare Copper, Class B Strand (unfilled)
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
JACKET	Cross-Linked Polyethylene (XLPE) and three red stripes
PACKAGING	Non-returnable reels

STANDARDS (Compliance)

PERFORMANCE	AEIC CS8 ASTM B3 ASTM B8 ICEA S-94-649 UL 1072 RUS U1

SPECIFICATIONS

Part Number	Conductor Size kcmil	Nominal Conductor Diameter (in)	Nominal Insulation Diameter (in)	Copper Concentric Neutrals	Nominal Jacket Thickness (in)	Approx. O.D. (in)	Approx. Net Weight (lbs / Kft)
E9JYT-A31TCA00	350	0.616	1.10	21 x #14	0.055	1.44	2,020

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