

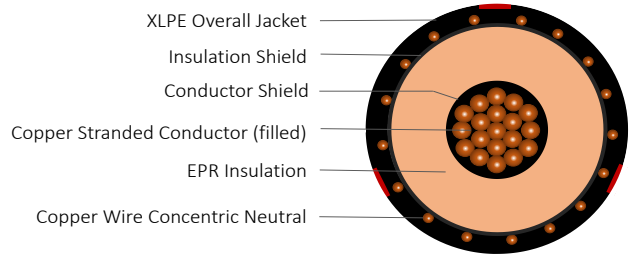
**EPR/CN/XLPE, Type MV-105, Primary UD, 15kV 133%, 220-MILS  
Single Conductor Filled Copper -Silicone Free**

**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 cross-linked polyethylene (XLPE) jacket.

**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



CONSTRUCTION		STANDARDS (Compliance)	
<b>CONDUCTOR</b>	Annealed bare copper (filled) Class B Strand Compressed	<b>PERFORMANCE</b>	AEIC CS8 ASTM B-3 ASTM B-8 ICEA S-94-649 ICEA-T-31-610 UL 1072
<b>STRAND SHIELD</b>	Thermoset semi-conducting polymer		
<b>INSULATION</b>	Ethylene propylene rubber (EPR)		
<b>INSULATION SHIELD</b>	Thermoset semi-conducting polymer		
<b>SHIELD</b>	Helically applied, annealed, solid bare copper wires		
<b>JACKET</b>	Cross-linked Polyethylene (XLPE)		
<b>PACKAGING</b>	Non-returnable wooden reels		

SPECIFICATIONS							
Part Number	Conductor Size	Conductor Diameter (in)	Insulation Diameter (in)	Metallic Shield	Jacket Thickness (in)	Approx. Overall Diameter (in)	Approx. Net Weight (lbs/kft)
E9JYT-B55B01CA00	1000 kcmil	1.117	1.59	24 x 10 AWG (1/3N)	0.080	2.08	4,856
E9JYT-A65B01CA00	500 kcmil	0.789	1.26	19 x 12 AWG (1/3N)	0.055	1.63	2,613
E9JYT-A35B01CA00	350 kcmil	0.661	1.13	21 x 14 AWG (1/3N)	0.055	1.47	1,941

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