

**Multiplex 3C EPR/CTS/PVC Power, Type MV-105, 15kV (173%)**

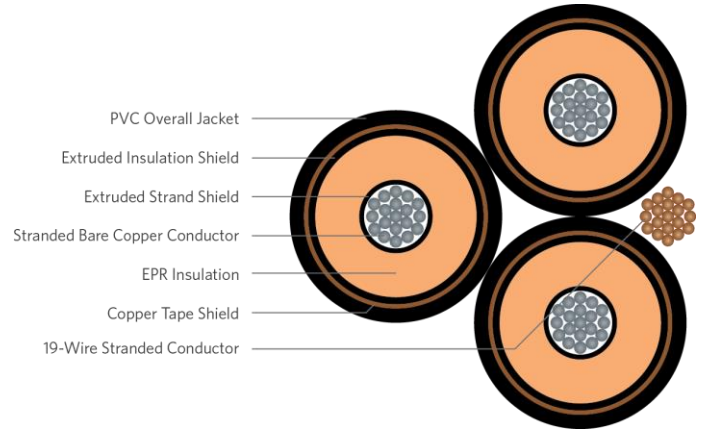
Part Number E8KLE-B24G03CAxy Triplex with 4/0AWG Bare Cu

**PRODUCT NAME**

Multiplex 3C EPR/CTS/PVC Power  
Type MV-105

**APPLICATION**

- In conduit, duct, free air, raceways and direct burial, primary installations include cable trays, and outdoor locations.
- In direct burial if installed in a system with a ground that is in close proximity, and conforms with NEC 250.4 (A)(5)
- In wet or dry locations



**DESCRIPTION**

The Medium Voltage, Multiplex 3C EPR/Cu Tape Shield/PVC, Type MV-105 Cable consist of three MV-105 cabled together to form a multiplexed configuration. Each MV-105 cable consist of aluminum 8000 series compressed unfilled Class B stranded conductors, covered with ethylene rubber (EPR), copper tape shield, and black PVC jacket, all three conductors are triplexed with a bare copper stranded ground. These cables are used in industrial power circuits.

**SPECIFICATIONS**

<b>Conductor</b>	Unfilled Stranded Al-8000 Compressed Lay Strand
<b>Insulation</b>	EPR
<b>Shield</b>	Copper tape shield with 25% Overlap
<b>Jacket</b>	PVC
<b>Ground</b>	Bare Copper, Class B compressed strand

<b>Packaging</b>	Non-returnable reels
<b>Performance</b>	ASTM B3 ASTM B-230 ASTM B-231 ICEA S-93-639/NEMA WC74, ICEA S-97-682 AEIC CS8 CSA FT4/IEEE 1202 (flame test) UL 1072 / NEC
<b>Other Compliances</b>	EPA 40 CFR, Part 261 OSHA

3 Cond Triplex, 750kcmil Alum Al-8000 compressed unfilled, 15kV 173% 260mils EPR, Cu Tape Shield, PVC Jacket with a 4/0AWG Bare Copper Ground

**PART NUMBER AND PHYSICAL CHARACTERISTICS**

Part Number	Cond Size Gauge	Cond Diameter Inches	Insulation Diameter Inches	Jacket Thickness Inches	Overall Diameter Inches	Net Weight lbs/mft
<b>Total Triplex</b>	-	-	-	-	<b>4.106</b>	<b>6,713</b>
E8KLE-B24G01CAx0	750 KCMIL	0.958	1.558	0.110	1.901	1,974
E6000-4A1B01C990	4/0 AWG	0.528	-	-	0.528	653

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

Part Number for the single conductor MV will change, "x" will be assigned with a number at order placement.

