Multiplex 3C EPR/CTS/PVC Power, Type MV-105, 25kV (100%)

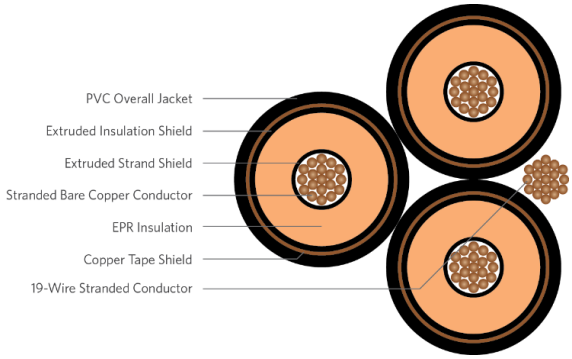
Part Number E8KLE-A61B03CA0x Triplex with 4/0AWG Bare Cu

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 copper 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.

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



SPECIFICATIONS

Conductor	Full Annealed bare copper Class B strand (unfilled)
Insulation	EPR
Shield	Copper tape shield with 25% Overlap
Jacket	PVC
Ground	Bare Copper, Class B compressed strand

Packaging	Non-returnable reels
Performance Compliance	ASTM B3 ASTM B-8 ICEA S-93-639/NEMA WC74, ICEA S-97-682 AEIC CS8 CSA FT4/IEEE 1202 (flame test) UL 1072 / NEC
Other Compliances	EPA 40 CFR, Part 261 OSHA

3 Cond Triplex, 500kcmil Copper compressed unfilled, 25kV 100% 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
Total Triplex	-	-	-	-	**3.581**	**8,501**
E8KLE-A61B01CA00	500 KCMIL	0.781	1.379	0.080	1.658	2,558
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