

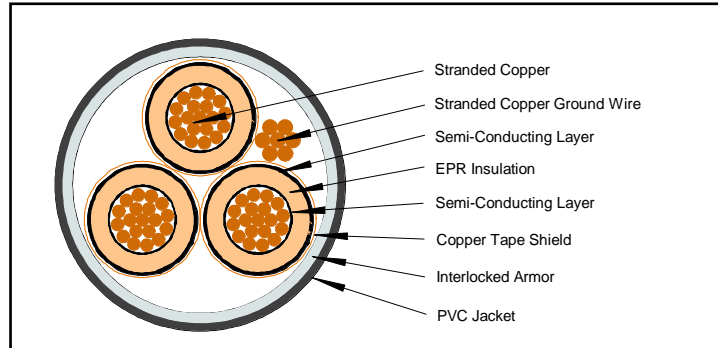
basic wire and cable

3900 N. ROCKWELL ST. CHICAGO, ILLINOIS 60618-3730, TEL: (773) 539-1800, FAX: (773) 539-3500

TYPE MC-IAC

INTERLOCKED ARMOR POWER CABLE

Three Conductor w/Ground
EPR Insulation
SHIELDED
Aluminum or Galvanized Steel Interlocked Armor
PVC Jacket
25/35kV (133/100%), 105°C



APPLICATIONS:

Where NEC jurisdiction applies; as Type MV-105 cable for installation aerially or in metal rack, tray, trough or cable trays, for power and control circuits not exceeding 25,000/35,000 volts at 133% and 100% insulation levels for 105°C continuous, 140°C emergency, and 250°C short-circuit operation in manufacturing and processing plants, substations and generating stations. When installed per NEC, cables meet the requirements of OSHA.

CONSTRUCTION:

Stranded copper conductors, semi-conducting layer, EPR insulation, semi-conducting layer, helically applied copper tape shield, conductors phase identified. Three conductors cabled together with a stranded copper grounding conductor in one interstice, suitable fillers, binder tape, aluminum or galvanized steel interlocked armor, PVC jacket overall, surface printed.

STANDARDS:

1. Conforms to AEIC CS8.
2. Type MV-105 MC cable per article 334 of the NEC.
3. Overall jacket suitable for Sunlight Resistant and Direct Buried applications.
4. Cables designed to pass the IEEE-383 ribbon burner flame test and are suitable "For CT Use."
5. Cables conform to ICEA S-93-639 and ICEA S-97-682.

25,000/35,000 VOLT, SHIELDED, THREE CONDUCTORS WITH GROUND 133/100% INSULATION LEVELS

BASIC CAT. NO.	SIZE/AWG KCMIL	INSUL. THICK. mils	GROUND WIRE SIZE/AWG	O.D. in.	WEIGHT lbs/mft	
					ALUM. ARMOR	STEEL ARMOR
9-4070-G	1/0	345	4	2.96	4162	4835
9-4071-G	2/0	345	4	3.04	4597	5289
9-4072-G	3/0	345	3	3.14	5102	5819
9-4073-G	4/0	345	3	3.28	5758	6506
9-4074-G	250	345	3	3.38	6292	7066
9-4075-G	350	345	2	3.60	7636	8465
9-4076-G	500	345	1	3.89	9639	10541

OPTIONS: Also available with -LZ Low Smoke Zero Halogen Jacket, -CP Chlorinated Polyethylene Jacket

Dimensional data not binding. We reserve the right to alter specifications without notice.
SHIPPING TOLERANCE +/- 10%

