

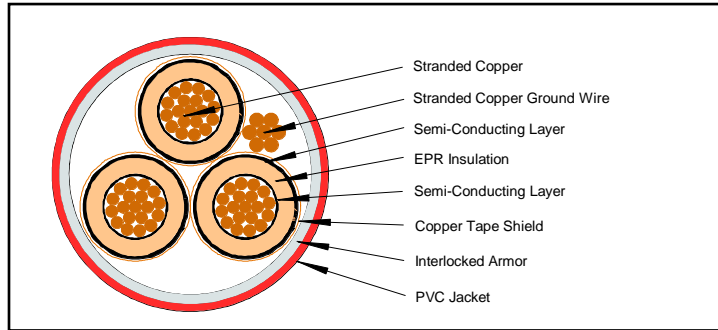
basic wire and cable

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
15kV (133%), 105° C



APPLICATIONS:

Where NEC jurisdiction applies; as Type MV-105 cable for installation aerially in conduits or in underground ducts, direct buried, or isolated in air, dry or wet locations, in cable trays, or with messenger, for power and control circuits not exceeding 15,000 volts at 133% insulation level 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. Otherwise, for general-purpose applications where the protection of interlocked armor is required.

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, red 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.

15,000 VOLT, SHIELDED, THREE CONDUCTORS WITH GROUND, 133% INSULATION LEVEL

BASIC CAT. NO.	SIZE/AWG KCMIL	INSUL. THICK. mils	GROUND WIRE SIZE/AWG	O.D. in.	WEIGHT lbs/mft	
					ALUM. ARMOR	STEEL ARMOR
9-4057-G	2	220	6	2.24	2605	3125
9-4058-G	1	220	4	2.33	2835	3390
9-4059-G	1/0	220	4	2.41	3100	3620
9-4060-G	2/0	220	4	2.55	3530	4025
9-4061-G	3/0	220	3	2.66	3990	4510
9-4062-G	4/0	220	3	2.77	4615	5200
9-4063-G	250	220	3	2.95	5315	5895
9-4064-G	350	220	2	3.17	6600	7225
9-4065-G	500	220	1	3.47	8710	9350
9-4066-G	750	220	1/0	3.85	11695	12850
9-4067-G	1000	220	1/0	4.18	14100	14980

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%

