

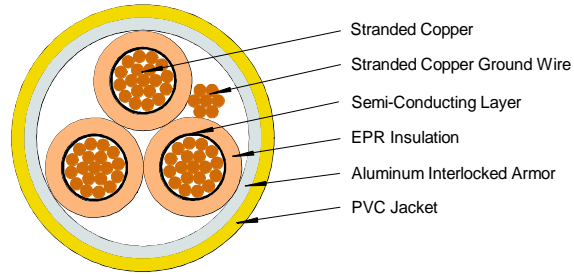
basic wire and cable

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

TYPE MC-IAC

INTERLOCKED ARMOR POWER CABLE

Three Conductors with Ground, Non-Shielded
EPR Insulation
Aluminum Interlocked Armor
PVC Jacket
2400 Volts, 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 2400 volts 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:

Three conductors of stranded copper, extruded semi-conducting layer, 115-mil EPR (Ethylene Propylene Rubber) insulation, phase identification. Three conductors twisted together with a stranded copper grounding conductors in one interstice, suitable fillers, binder tape, aluminum interlocked armor, yellow PVC (Polyvinyl Chloride) jacket overall, surface printed.

STANDARDS:

1. Conforms to MV-105 and MC specs per UL 1072.
2. Overall jacket suitable for Sunlight Resistant and Direct Burial applications.
3. Cables designed to pass the IEEE-383 ribbon burner flame test and are suitable "For CT Use."
4. Cables meet the requirements of ICEA S-96-659.

2400 VOLT, THREE CONDUCTORS WITH GROUND, NON-SHIELDED

BASIC CAT NO.	SIZE/ AWG.	NO. OF STRDS	O.D. OVER ARMOR in.	JKT. THICK. mils.	O.D. OVER PVC JKT. in.	COPPER GRD AWG.	WEIGHT lbs./mft	PHASE COND. AMPS*
9-3006-G	4	7	1.33	50	1.43	6	1115	105
9-3007-G	2	7	1.44	50	1.54	6	1430	140
9-3008-G	1	19	1.51	50	1.61	4	1770	160
9-3009-G	1/0	19	1.60	60	1.72	4	2025	185
9-3010-G	2/0	19	1.72	60	1.85	4	2390	215
9-3011-G	3/0	19	1.83	60	1.96	3	3000	250
9-3012-G	4/0	19	1.95	60	2.08	3	3395	285
9-3013-G	250	37	2.07	60	2.20	3	3900	320
9-3015-G	350	37	2.30	75	2.46	2	5105	395
9-3017-G	500	37	2.57	75	2.73	1	6800	485
9-3019-G	750	61	2.98	75	3.14	1/0	9400	615
9-3020-G	1000	61	3.28	75	3.43	1/0	12050	770

*Ampacity for cables installed in uncovered cable tray without maintained spacing; 90°C conductor temperature, 40°C ambient temperature

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

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

