

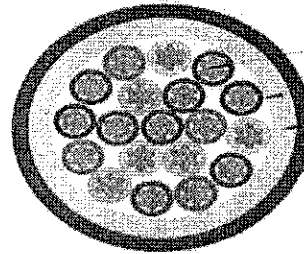
# basic wire and cable

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

## TYPE MC-IAC

### INTERLOCKED ARMOR POWER CABLE

Multiple Conductors  
XLP Insulation  
Aluminum Interlocked Armor  
PVC Jacket  
600 Volts, 90° C



Stranded Copper  
XLP Insulation  
Aluminum Interlocked Armor  
PVC Jacket

### APPLICATIONS:

As multi-conductor Type MC Cable, 90°C in dry locations, for installation indoors or outdoors, aerially or in a metal rack, trough, or cable trays; for control, lighting, power, and signal circuits not exceeding 600V. in manufacturing and processing plant and substations. May be used in NEC Class I and II, Division 2 and Class III, Division 1 and 2 hazardous locations. When installed per the NEC, cables meet the requirements of OSHA.

### CONSTRUCTION:

Stranded copper conductors, XLP (Cross-Linked Polyethylene) insulated, Method 1 - Table E1 or E2 color-coded or Method 4 phase-identified conductors cabled with suitable fillers as necessary, cable tape, aluminum interlocked armor, black PVC (Polyvinyl Chloride) jacket overall, surface printed.

### STANDARDS:

- 1) Conductors conform to ASTM B3 & B 8.
- 2) Insulation conforms to UL Standard 44, and is approved as Type XHHW-2.
- 3) UL Type MC cable 600 volts. (UL1569)
- 4) Overall jacket approved as Sunlight Resistant.
- 5) Cables pass the IEEE-383 and IEEE-1202 tests.
- 6) Cables meet requirements of ICEA S-95-658/NEMA WC70.

NO. OF COND.	BASIC CAT. NO.	O.D. OVER PVC JKT. in.	WEIGHT lbs/mft	BASIC CAT. NO.	O.D. OVER PVC JKT. in.	WEIGHT lbs/mft	BASIC CAT. NO.	O.D. OVER PVC JKT. in.	WEIGHT lbs/mft
14 AWG - STRANDED			12 AWG - STRANDED			10 AWG - STRANDED			
2	9-102	.60	165	9-202	.64	205	9-302	.72	260
3	9-103	.63	190	9-203	.66	240	9-303	.76	305
4	9-104	.66	220	9-204	.71	275	9-304	.79	355
5	9-105	.69	250	9-205	.75	315	9-305	.80	410
7	9-107	.74	295	9-207	.81	375	9-307	.85	500
9	9-109	.83	370	9-209	.89	460	9-309	.96	620
12	9-112	.90	440	9-212	.97	570	9-312	1.07	770
15	9-115	.97	515	9-215	1.08	670	9-315	1.17	920
19	9-119	1.02	590	9-219	1.10	790	9-319	1.22	1095
25	9-125	1.17	750	9-225	1.28	1035	9-325	1.40	1390
31	9-131	1.25	920	9-231	1.37	1255	9-331	1.50	1660
37	9-137	1.29	1110	9-237	1.41	1395	9-337	1.58	1935

OPTIONS: Also available with -G Ground Wire, -SH Mylar Aluminum Foil Shield, -CT Copper Tape Shield, -CP Chlorinated Polyethylene Jacket, -LZ Low Smoke Zero Halogen Jacket, -LC Low Smoke Zero Halogen Jacket w/Copper Tape Shield, -LS Low Smoke Zero Halogen Jacket w/Mylar Aluminum Foil Shield, -GA Galvanized Steel Interlocked Armor  
Also available: 105°C, and/or 2KV

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

