

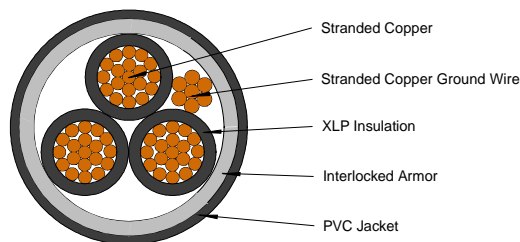
# basic wire and cable

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

## TYPE MC-IAC

### INTERLOCKED ARMOR POWER CABLE

XLP Conductors  
Three-, or Four Conductors w/Ground  
Aluminum or Steel Interlocked Armor  
PVC Jacket  
600 Volts, 90°C



## APPLICATIONS:

Where NEC jurisdiction applies; as Type MC cable, 90°C in wet or dry locations; for installation aerially, in conduit, cable trays, in underground ducts, with messenger or direct buried, for power and control circuits not exceeding 600 volts in manufacturing and processing plants, substations and generating stations. When installed per the NEC, cables meet requirements of OSHA. Permitted for use in Class I, Class II, Division 2, Class III Division 1 and 2 hazardous locations per the NEC. Suitable for direct burial.

## CONSTRUCTION:

Three-, or four conductors of stranded copper, XLP (Cross-Linked Polyethylene) insulated, phase-identified, conductors cabled with a stranded copper ground wire in one interstice, cable tape, aluminum or galvanized steel interlocked armor, black PVC (Polyvinyl Chloride) jacket overall, surface printed.

## STANDARDS:

1. Copper conductors conform to ASTM B-3 & B-8.
2. Insulation conforms to UL Standard 44, and is approved as Type XHHW-2.
3. MC Type Cable per UL 1569.
4. Cables designed to meet UL 1581, IEEE-383 & IEEE-1202 flame tests.
5. Cables suitable for sunlight resistant and direct burial applications, and are approved For CT Use.
6. Cables conform to ICEA S-95-658, NEMA WC70.

### 600 VOLT, THREE AND FOUR CONDUCTORS WITH GROUND, ARMORED

SIZE/ AWG KCMIL	GRND SIZE/ AWG	NO.OF CDRS	BASIC CAT.NO.	O.D. in.	WEIGHT lbs/m		NO.OF CDRS	BASIC CAT.NO.	O.D. in.	WEIGHT lbs/m	
					ALUM. ARMOR	STEEL ARMOR				ALUM. ARMOR	STEEL ARMOR
8	10	3	9-651-G	.850	410	500	4	9-670-G	.910	500	590
6	8	3	9-652-G	.950	550	660	4	9-671-G	1.02	685	800
4	8	3	9-653-G	1.02	735	855	4	9-672-G	1.11	955	1130
2	6	3	9-654-G	1.16	1080	1215	4	9-673-G	1.34	1360	1565
1	6	3	9-655-G	1.34	1310	1470	4	9-674-G	1.56	1680	1930
1/0	6	3	9-656-G	1.38	1575	1805	4	9-675-G	1.64	2000	2280
2/0	6	3	9-657-G	1.64	1885	2130	4	9-676-G	1.68	2420	2735
3/0	4	3	9-658-G	1.68	2315	2620	4	9-677-G	1.94	2995	3315
4/0	4	3	9-659-G	1.94	2820	3110	4	9-678-G	2.02	3605	4010
250	4	3	9-660-G	2.02	3360	3740	4	9-679-G	2.27	4320	4735
300	3	3	9-661-G	2.09	3900	4370	4	9-680-G	2.36	5200	5650
350	3	3	9-662-G	2.35	4490	4900	4	9-681-G	2.49	5950	6400
400	2	3	9-662-G4	2.36	5060	5670	4	9-682-G	2.59	6570	7180
500	2	3	9-663-G	2.59	6215	6700	4	9-683-G	2.79	8045	8590
600	2	3	9-664-G	2.79	7350	7860	4	9-684-G	2.97	9520	10115
750	1	3	9-665-G	2.97	9065	9655	4	9-685-G	3.27	11825	12490

OPTIONS: Also available with -SH Copper Tape Shield, -CP Chlorinated Polyethylene Jacket, -CS Chlorinated Polyethylene Jacket w/Copper Tape Shield, -LZ Low Smoke Zero Halogen Jacket, -LS Low Smoke Zero Halogen Jacket w/Copper Tape Shield, or in 2/CDR or other constructions. Also available: 105°C, and/or 2KV



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

BWC-9-651-.665-G.670-.685-G.ul.iso

