



## Aluminum Conductor – Aluminum MC Cable

Part Number	AWG Size	Cons	Ground Size	OD Over Armor (in)	Wt. lbs. per MFT	Ampacity
6-03GAL-MC	6	3	6	0.910	265	55
6-04GAL-MC	6	4	6	0.980	328	55
4-03GAL-MC	4	3	6	1.010	335	75
4-04GAL-MC	4	4	6	1.090	408	75
2-03GAL-MC	2	3	6	1.130	438	100
2-04GAL-MC	2	4	6	1.230	540	100
1-03GAL-R-MC	1	3	4	1.250	548	115
1-04GAL-R-MC	1	4	4	1.360	677	115
1/0-03GAL-R-MC	1/0	3	4	1.330	633	135
1/0-04GAL-R-MC	1/0	4	4	1.450	787	135
2/0-03GAL-R-MC	2/0	3	4	1.420	735	150
2/0-04GAL-R-MC	2/0	4	4	1.550	920	150
3/0-03GAL-R-MC	3/0	3	4	1.520	862	175
3/0-04GAL-R-MC	3/0	4	4	1.670	1084	175
4/0-03GAL-R-MC	4/0	3	2	1.640	1038	205
4/0-04GAL-R-MC	4/0	4	2	1.820	1350	205
250-03GAL-R-MC	250	3	2	1.790	1198	230
250-04GAL-R-MC	250	4	1	1.980	1600	230
300-03GAL-R-MC	300	3	2	1.920	1415	255
300-04GAL-R-MC	300	4	1	2.110	1805	255
350-03GAL-R-MC	350	3	2	2.020	1586	280
350-04GAL-R-MC	350	4	1/0	2.220	2047	280
400-03GAL-R-MC	400	3	1	2.120	1170	305
500-03GAL-R-MC	500	3	1	2.290	2099	350
500-04GAL-R-MC	500	4	2/0	2.530	2723	350
600-03GAL-R-MC	600	3	1	2.530	2511	385
600-04GAL-R-MC	600	4	2/0	2.800	3292	385
750-03GAL-R-MC	750	3	1/0	2.750	3015	435
750-04GAL-R-MC	750	4	3/0	3.040	3928	435

All values are nominal and subject to correction

Ampacities are based on Table 310.16 of the NEC, 2005 Edition. Allowable ampacities shown are for general use as specified by the National Electric Code, 2005 Edition, Section 310.15.

**Application:** Suitable for use in branch, feeder and service power distribution under high ambient temperature in commercial, industrial, institutional, casinos and multi-residential buildings; for power, lighting, control and signal circuits; in concealed or exposed installations; in environmental air-handling spaces per NEC 300.22; in places of assembly per NEC 518.4 and theaters per NEC 520.5; in aerial applications when attached to a messenger; for installation in cable tray and approved raceways; under raised floors for IT equipment per NEC 645.5(D) and 645.5(D)(2); Class I Div 2, Class II Div 2, Class III Div 1 hazardous locations.

**Conductors:** Compact strand 8000 series aluminum alloy conductors

**Insulation:** Color coded cross-linked polyethylene XHHW-2 or THHN/THWN-2 insulation. The cable ground is either bare or has green insulation. A binder tape is wrapped over the conductor assembly

**Color Code:** 3C - Black, White, Red, Bare ground  
4C - Black, White, Red, Blue, Bare ground

**Armor:** Overall aluminum interlocked armor

**Standards:** UL 44, UL 1569 for type MC  
NEMA WC70  
IEEE 1202 70,000 BTU vertical flame test

ICEA S – 95-658  
Federal Spec A-A59544 (formerly J – C – 30B)