



Aluminum Conductor – Aluminum MC Cable

Part Number	AWG Size	Cons	Ground Size	Nom. OD Over Armor (in)	Nom. Wt lbs. per 1m'	Ampacity* (90°C)
6-03GALUM-MC	6	3	6	0.910	265	55
6-04GALUM-MC	6	4	6	0.980	328	44
4-03GALUM-MC	4	3	6	1.010	335	75
4-04GALUM-MC	4	4	6	1.090	408	60
2-03GALUM-MC	2	3	6	1.130	438	100
2-04GALUM-MC	2	4	6	1.230	540	80
1-03GALUM-R-MC	1	3	4	1.250	548	115
1-04GALUM-R-MC	1	4	4	1.360	677	92
1/0-03GALUM-R-MC	1/0	3	4	1.330	633	135
1/0-04GALUM-R-MC	1/0	4	4	1.450	787	108
2/0-03GALUM-R-MC	2/0	3	4	1.420	735	150
2/0-04GALUM-R-MC	2/0	4	4	1.550	920	120
3/0-03GALUM-R-MC	3/0	3	4	1.520	862	175
3/0-04GALUM-R-MC	3/0	4	4	1.670	1084	140
4/0-03GALUM-R-MC	4/0	3	2	1.640	1038	205
4/0-04GALUM-R-MC	4/0	4	2	1.820	1350	164
250-03GALUM-R-MC	250	3	2	1.790	1198	230
250-04GALUM-R-MC	250	4	1	1.980	1600	184
300-03GALUM-R-MC	300	3	2	1.920	1415	255
300-04GALUM-R-MC	300	4	1	2.110	1805	204
350-03GALUM-R-MC	350	3	2	2.020	1586	280
350-04GALUM-R-MC	350	4	1/0	2.220	2047	224
400-03GALUM-R-MC	400	3	1	2.120	1770	305
400-04GALUM-R-MC	400	4	1/0	2.310	2350	244
500-03GALUM-R-MC	500	3	1	2.290	2099	350
500-04GALUM-R-MC	500	4	2/0	2.530	2723	280
600-03GALUM-R-MC	600	3	1	2.530	2511	385
600-04GALUM-R-MC	600	4	2/0	2.800	3292	308
750-03GALUM-R-MC	750	3	1/0	2.750	3015	435
750-04GALUM-R-MC	750	4	3/0	3.040	3928	348

All values are nominal and subject to correction

*Ampacities shown are for general use as specified by the National Electrical Code, 2011 Edition, Section 310.15, Table 310.16. Under normal conditions four conductor ampacities are not derated as shown above. If NEC Section 310.15(b)(4)(a) does not consider the neutral as a current-carrying conductor, use the ampacities listed for the three conductor cable 90°C - For ampacity derating purposes.

Application: Aluminum Conductor - Aluminum MC Cable is 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: Aluminum Conductor - Aluminum MC Cable has a compact strand 8000 series aluminum alloy conductors.

Insulation: Aluminum Conductor - Aluminum MC Cable has color coded cross-linked polyethylene XLP insulation. The cable ground is either bare or has green insulation. A binder tape is wrapped over the conductor assembly.

Armor: Aluminum Conductor - Aluminum MC Cable has an 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)

1-800-945-5542