



MC Cable - High Conductor Count / Copper Cond. / Aluminum MC

Part Number	Description		Green Ground Size	Approx. Diameter (inches)	Approx. Weight lbs. per 1000 ft.	Standard Packaging
	AWG	No. Conductors				
12-06MCA	12	6	12	0.580	230	1000
12-08MCA	12	8	12	0.670	295	1000
12-10MCA	12	10	12	0.700	320	1000
12-12MCA	12	12	12	0.750	350	500
12-14MCA	12	14	12	0.800	410	500
12-16MCA	12	16	12	0.825	465	500
12-18MCA	12	18	12	0.835	475	500
12-20MCA	12	20	12	0.870	565	500
12-24MCA	12	24	12	0.950	650	500
10-06MCA	10	6	10	0.700	350	1000
10-08MCA	10	8	10	0.790	410	1000
10-10MCA	10	10	10	0.825	470	1000
10-12MCA	10	12	10	0.880	560	500
10-14MCA	10	14	10	0.940	635	500
10-16MCA	10	16	10	0.960	730	500
10-18MCA	10	18	10	0.990	805	500
10-20MCA	10	20	10	1.025	915	500
10-24MCA	10	24	10	1.130	1130	500

All values are nominal and subject to correction

Color Codes:

6 Conductors Black – White – Red – Black/Tan – White/Tan – Red/Tan
 8 Conductors Black – White – Red – Blue – Black/Tan – White/Tan – Red/Tan – Blue/Tan
 Ground Green

Application: MC Cable is suitable for use in branch, feeder and distribution circuits in commercial, industrial, institutional and multi-residential applications. MC Cable is approved for power, lighting, control and signal circuits. MC Cable can be used in cable tray and other approved raceways and can be exposed or concealed. MC Cable can be used in places of assembly of 100 people or more, such as studios and theaters. Voltage ratings should not exceed 600V in any application.

NOTE: Priority Wire & Cable's copper conductor MC cable is suitable for use in vertical applications, if installed per the requirements of the NEC as detailed in section 300-19, table 300-19(a) and section 330.30.

Conductors: MC Cable has a solid or stranded soft drawn bare copper

Insulation: Polyvinyl chloride (PVC) / nylon over coated type THHN/THWN-2 insulation, with a green insulated ground conductor. The conductors are cabled together with a Mylar tape.

Armor: MC Cable has an overall aluminum interlocked tape armor. Temperature rating is 90°C dry/75°C wet.

Standards: UL standards 68, 1479, 1569, 1581 & 2556
 IEEE 1202 vertical flame test, 70,000 BTU/hr.
 ASTM B3
 NFPA 70
 NEC Articles 300-22©, 518.4, 520.5, 545.4 & 645
 Federal Specification A-A59544
 Class I Div. 2, Class II Div. 2 and Class III Div. 1 Div. 2 for hazardous locations

1-800-945-5542

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