

Solid Copper THHN/THWN Conductors

Aluminum Armor MC Cable



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.

ASSEMBLY:

- Solid soft drawn bare copper conductors insulated with polyvinyl chloride (PVC)/nylon rated THHN/THWN, and an insulated green ground conductor are cabled together with a Mylar tape

ARMOR:

- Overall aluminum interlocked armor applied over the assembly. The temperature rating is 90°C dry

STANDARDS:

- UL Standards 83, 1569, 1581 & 2556
- IEEE 1202 vertical tray flame test, 70,000 BTU/hr.
- ASTM B3, B258
- NEC Articles 300.22, 330, 518.4, 520.5, 530, 545.4 & 645
- Class I Div. 2, Class II Div. 2 and Class III Div. 1 Div. 2 for hazardous locations
- Federal Specification A-A59544

COLOR CODE:

120V/208V System

Cond #	Color
2	White - Black
3	White - Black - Red
4	White - Black - Red - Blue
Ground	Green

277V/480V System

Contact PWC sales for available options

Part Number*	Conductor Size	No. of Conductors	Ground Size	Approx. Diameter		Standard Packaging		Net Weight
	AWG		AWG	inches	mm	Coils	Reels	lbs/kft
14-02MCA	14	2	14	0.450	11.43	250	1000	86
14-03MCA	14	3	14	0.478	12.14	250	1000	106
14-04MCA	14	4	14	0.508	12.90	250	1000	133
12-02MCA	12	2	12	0.486	12.34	250	1000	115
12-03MCA	12	3	12	0.518	13.16	250	1000	144
12-04MCA	12	4	12	0.553	14.05	250	1000	183
10-02MCA	10	2	10	0.556	14.12	250	1000	168
10-03MCA	10	3	10	0.596	15.14	250	1000	212
10-04MCA	10	4	10	0.640	16.26	250	1000	272

All values are nominal and subject to correction.

*For 250' Coils add /250CL, for 1000' Reels add /1000RL to the part number



1-800-945-5542
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