

All Purpose MC Cable

AL

Aluminum
Armor

14 AWG – 10 AWG THHN/THWN-2 Insulated Conductors with Bare Aluminum Grounding/Bonding Conductor Continuously Contacting Armor

Solid or Stranded Conductors

600V

90°C

Dry Location

Description:

Metal-Clad Cable with two-, three-, or four-circuit THHN/THWN conductors, and a bare aluminum grounding/bonding conductor in constant contact with the armor, allowing it to serve as a redundant grounding path. Intended for use in accordance with the National Electrical Code®. Conductor constructions have the insulated conductors cabled together with a separator tape, displaying the identification print legend, wrapped around the assembly. The bare aluminum grounding/bonding conductor is cabled on the outside of the separator tape. An interlocked aluminum armor is applied over the entire construction.

Materials:

Solid Conductors: Soft, uncoated copper per ASTM B3

Stranded Conductors: Uncoated copper per ASTM B3, B8, B787

Insulation: THHN/THWN-2 PVC (polyvinyl chloride) with color-coded nylon (polyamide) covering

Bare Grounding/Bonding Conductor: 8000 Series aluminum alloy per ASTM B800; Sizes 12 AWG – 8 AWG

Armor: Aluminum-based alloy armor applied over the complete assembly

Standards:

UL 1569: E38918

UL 83: E15119

ASTM B3, B8, B787

ASTM B800

FT4/IEEE 1202

NFPA 70 (National Electrical Code), Article 330

Federal Specification A-A59544

Armor Coding System*:

- 1 **Sequential Footage:** shown every two feet
- 2 **Footage Marker:** Black line = aluminum armor
- 3 **Chevron Colors:** indicate number & color of conductors
Chevron Direction: indicates recommended pull direction
- 4 **Cable Size:** indicates wire gauge & number of conductors

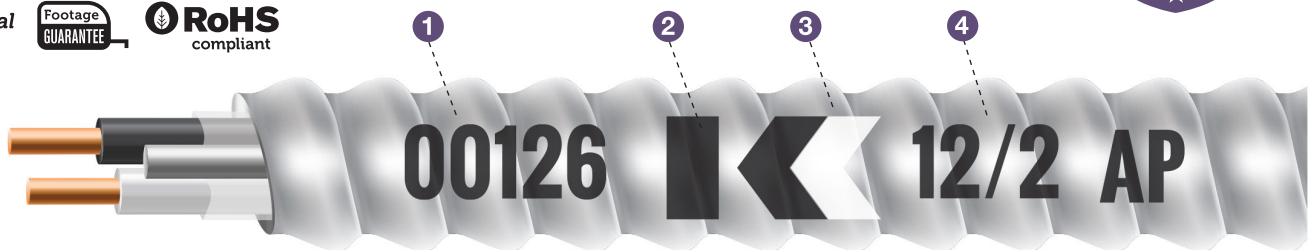
*PATENT PENDING

Features:

MC Sequential Footage

Footage GUARANTEE

RoHS compliant



Armor Coding System is printed every 2 ft.

Conductors			Cable		
Size	# of Strands	Color	Bare Aluminum Ground/Bonding Wire	Approx. Overall Diameter (in)	Approx. Net Wt Lbs / 1000'
14/2	Solid	● ○ ● ● ● ●	12 AWG	0.372	72.5
14/3	Solid	● ○ ● ● ● ● ● ●	12 AWG	0.402	91.8
14/4	Solid	● ○ ● ● ● ● ● ● ● ●	12 AWG	0.432	115.0
12/2	Solid	● ○ ● ● ● ●	10 AWG	0.426	93.9
12/3	Solid	● ○ ● ● ● ● ● ●	10 AWG	0.442	122.6

Color Key:

- Black
- White
- Red
- Blue
- Brown
- Grey
- Orange
- Yellow

Data are approximate and subject to normal manufacturing tolerances.

It is the sole responsibility of the end user to determine suitability of this product for its intended use and application.

chart cont'd
on next page

All Purpose MC Cable *cont'd*

Conductors				Cable	
Size	# of Strands	Color	Bare Aluminum Ground/Bonding Wire	Approx. Overall Diameter (in)	Approx. Net Wt Lbs/1000'
12/4	Solid	● ○ ● ● ● ● ● ●	10 AWG	0.478	207.0
10/2	Solid	● ○ ● ●	8 AWG	0.511	238.0
10/3	Solid	● ○ ● ●	8 AWG	0.519	239.0
10/4	Solid	● ○ ● ● ● ● ● ●	8 AWG	0.620	298.0
14/2	19	● ○ ● ●	12 AWG	0.521	81.0
14/3	19	● ○ ● ●	12 AWG	0.536	101.0
14/4	19	● ○ ● ● ● ● ● ●	12 AWG	0.584	122.0
12/2	19	● ○ ● ●	10 AWG	0.434	95.1
12/3	19	● ○ ● ●	10 AWG	0.475	127.2
12/4	19	● ○ ● ● ● ● ● ●	10 AWG	0.524	204.0
10/2	19	● ○ ● ●	8 AWG	0.552	235.0
10/3	19	● ○ ● ●	8 AWG	0.550	211.0
10/4	19	● ○ ● ● ● ● ● ●	8 AWG	0.594	251.0

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