

# Healthcare MC Cable

**AL****Aluminum  
Armor**

## 12 AWG – 10 AWG THHN/THWN-2 Insulated Conductors with Green Insulated and Armor Ground

**Solid or Stranded Conductors****600V****90°C Dry**

### Description:

Metal-Clad Cable with two-, three- or four-circuit THHN/THWN conductors and a green insulated ground in addition to a bare aluminum grounding/bonding conductor that is cabled on the outside of the separator tape, allowing it to be in constant contact with the armor and 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. 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. Sizes 12 AWG – 10 AWG.

**Bare Grounding/Bonding Conductor:** 8000 Series aluminum alloy per ASTM B800. Sizes 10 AWG – 8 AWG.

**Armor:** Aluminum 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\*:

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

\*PATENT PENDING

### Features:

**MC** Sequential  
Footage



**RoHS**  
compliant



Armor Coding System is printed every 2 ft.

Conductors				Cable	
Size	# of Strands	Color	Insulated Green Ground Wire Size	Approx. Overall Diameter (in)	Approx. Net Wt Lbs / 1000'
12/2	Solid	● ○   ● ●	10 AWG	0.442	122.6
12/3	Solid	● ○ ●   ● ● ●	10 AWG	0.478	145.9
12/4	Solid	● ○ ● ●   ● ● ● ●	10 AWG	0.511	238.0
10/2	Solid	● ○   ● ●	8 AWG	0.519	171.8
10/3	Solid	● ○ ●   ● ● ●	8 AWG	0.620	211.6
10/4	Solid	● ○ ● ●   ● ● ● ●	8 AWG	0.675	338.0
12/2	19	● ○   ● ●	10 AWG	0.475	127.2
12/3	19	● ○ ●   ● ● ●	10 AWG	0.524	159.5

### 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  
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# Healthcare MC Cable *cont'd*

Conductors				Cable	
Size	# of Strands	Color	Insulated Green Ground Wire Size	Approx. Overall Diameter (in)	Approx. Net Wt Lbs /1000'
12/4	19	● ○ ● ● ●   ● ● ● ● ●	10 AWG	0.552	181.0
10/2	19	● ○   ● ●	8 AWG	0.550	177.1
10/3	19	● ○ ● ●   ● ● ●	8 AWG	0.594	251.0
10/4	19	● ○ ● ● ●   ● ● ● ● ●	8 AWG	0.645	297.0

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