

Healthcare MC Cable

AL

**Aluminum
Armor**

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

Solid 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

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, ASTM B800

FT4/IEEE 1202

NFPA 70 (National Electrical Code),
Article 330

Federal Specification A-A59544

Armor Coding System*:

- 1 **True 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
- 5 **Long Green Stripe and**
- 6 **Green Cross Icons:** indicate Healthcare MC

*PATENT PENDING



Conductors				Cable		
Size	# of Strands	Color	Insulated Green Ground Wire Size	Bare Alum. Ground/Bond Wire	Approx. Overall Diameter (in)	Approx. Net Wt Lbs./1000'
12-2	Solid	Black/White	12 AWG	10 AWG	0.442	175
12-3	Solid	Black/White/Red	12 AWG	10 AWG	0.478	207
12-4	Solid	Black/White/Red/Blue	12 AWG	10 AWG	0.511	238
10-2	Solid	Black/White	10 AWG	8 AWG	0.519	239
10-3	Solid	Black/White/Red	10 AWG	8 AWG	0.620	298
10-4	Solid	Black/White/Red/Blue	10 AWG	8 AWG	0.675	338

Features:



TRUE Sequential Footage™

RoHS
compliant



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.