

Lighting/PCS MC Cable

AL

Aluminum
Armor

12 AWG – 10 AWG THHN/THWN-2 Insulated Conductors with Green Insulated Ground and 16 AWG TFN/TFFN Signal and/or Control Conductors

Solid or Stranded Conductors
600V
90°C Dry

Description:

Metal-Clad Cable with two-, three- or four-circuit THHN/THWN-2 conductors, a green insulated equipment grounding conductor, and a signal and/or control assembly comprising two 16 AWG TFN/TFFN conductors with an outer PVC jacket. Intended for use in accordance with the National Electrical Code®. Conductor constructions have insulated power and grounding conductors cabled together with a separator tape, displaying the identification print legend, wrapped around the assembly and a signal and/or control assembly 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, and B787

Insulation: Nylon (polyamide) color-coded THHN/THWN-2

Signal and/or Control Assembly: Single unshielded twisted pair; FR-PVC jacket; 16 AWG TFN/TFFN conductors

Armor: Aluminum alloy armor applied over the complete assembly

Standards:

UL 1569: E38918

UL 83: E15119

ASTM B3, B8, and B787

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
- 5 **Yellow Block and**
- 6 **Yellow Circle Icons:** indicate Lighting MC

*PATENT PENDING



Armor Coding System is printed every 2 ft.

Conductors				Cable		
Size	# of Strands	Color	Insulated Green Grounding Wire Size	Signal and/or Control Cable	Approx. Overall Diameter (in)	Approx. Net Wt Lbs / 1000'
12/2	Solid	Black/White	12 AWG	16/2 Stranded	0.614	152
12/3	Solid	Black/White/Red	12 AWG	16/2 Stranded	0.649	178
12/4	Solid	Black/White/Red/Blue	12 AWG	16/2 Stranded	0.684	204
10/2	Solid	Black/White	10 AWG	16/2 Stranded	0.669	197
10/3	Solid	Black/White/Red	10 AWG	16/2 Stranded	0.724	223

Features:



MC 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.