

Fire Alarm/NPLFR MC Cable

AL

Aluminum
Armor

14 AWG – 12 AWG THHN/THWN-2 Insulated Conductors with Green Insulated Ground

Solid Conductors
600V/NPLFR 150V
90°C Dry

Description:

Metal-Clad Cable with two-, three- or four-circuit THHN/THWN conductors and a green insulated ground. Intended for use in accordance with the National Electrical Code®. Conductor constructions have the insulated conductors cabled together with a separator tape that displays 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 14 AWG – 12 AWG.
Armor: Aluminum alloy armor applied over the complete assembly

Features:



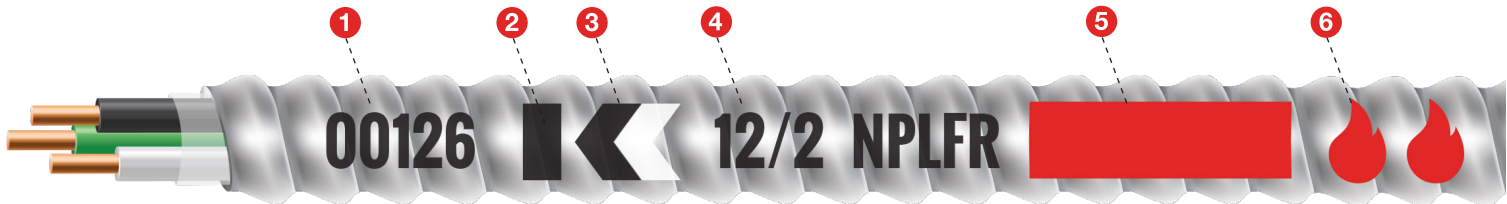
Standards:

UL 1569: E135230, UL 83: E15119
UL 1425, ASTM B3, 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
- 5 **Long Red Stripe** and
- 6 **Red Flame Icons:** indicate Fire Alarm MC

*PATENT PENDING



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' |
| 14/2 | Solid | ● ○ | 14 AWG | 0.430 | 82.5 |
| 14/4 | Solid | ● ○ ● ● | 14 AWG | 0.495 | 120.1 |
| 12/2 | Solid | ● ○ | 12 AWG | 0.475 | 103.4 |
| 12/3 | Solid | ● ○ ● ● | 12 AWG | 0.502 | 135.7 |
| 12/4 | Solid | ● ○ ● ● | 12 AWG | 0.539 | 164.5 |

Color Key:

- Black
- White
- Red
- Blue



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.