

Type AC Cable

AL

Aluminum
Armor

14 AWG–6 AWG THHN/THWN-2 Insulated Conductors Individually Wrapped in Moisture Resistant, Flame-Retardant Paper

Solid or Stranded Conductors
600V
90°C Dry

Description:

Armored Cable with two-, three-, or four-circuit THHN/THWN conductors, and a bare aluminum bond wire in constant contact with the armor, allowing it to serve as a grounding path. Intended for use in accordance with the National Electrical Code®. Conductors are individually wrapped with a moisture resistant, flame-retardant paper, and cabled together with marker tape displaying the required print legend. The bare aluminum bond wire is cabled on the outside of the paper wrapped conductors, and 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: Nylon (polyamide) color-coded THHN/THWN-2. Sizes 14 AWG–6 AWG

Bare Grounding/Bonding Conductor: 8000 Series aluminum alloy per ASTM B800. Size 16 AWG

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

Standards:

UL4: E537299

UL83: E15119

ASTM B3, B8, B787, B800

NFPA 70 (National Electrical Code),
Article 320

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:



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	● ○	16 AWG	0.450	66.5
14/3	Solid	● ○ ●	16 AWG	0.475	87.9
14/4	Solid	● ○ ● ●	16 AWG	0.503	109.0
12/2	Solid	● ○	16 AWG	0.480	85.0
12/3	Solid	● ○ ●	16 AWG	0.510	113.0
12/4	Solid	● ○ ● ●	16 AWG	0.548	141.0
10/2	Solid	● ○	16 AWG	0.555	114.0
10/3	Solid	● ○ ●	16 AWG	0.595	159.0
10/4	Solid	● ○ ● ●	16 AWG	0.620	204.0

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.