



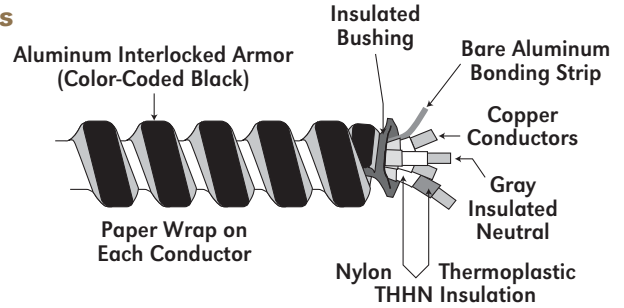
# Type AC-Lite<sup>®</sup> Aluminum Armored Cable (480Y/277V) Cable Technical Specifications

## Specification Description

Specification	AC-Lite ColorSpec ID System <sup>®</sup>
Armor	Interlocking Aluminum Strip (black striped)
Conductors	Solid Copper
Conductor Insulation	THHN
Conductor Insulation Covering	Paper Wrap
Maximum Temperature Rating	90°C (dry)
Grounding	16AWG integral Bond Wire/Armor combination
Neutral Conductor	Gray
Maximum Voltage Rating	600V

## References & Ratings

- U.L. 4, 83, 1479, 1581, File Reference E7330
- NEC 250.118, 300.22(C), 392, 320, 645
- Federal Specification A-A-59544 (formerly J-C-30B)
- Meets all applicable OSHA and HUD Requirements
- Cable Tray installations per NEC
- U.L. Classified 1, 2 and 3-hour Through-Penetration Fire Wall File R-14929
- Environmental Air-Handling Space installation



## AFC's ColorSpec ID System<sup>®</sup>

- Additional brown stripe denotes 2 conductor cable (brown conductor)
- Additional orange stripe denotes 2 conductor cable (orange conductor)
- Additional yellow stripe denotes 2 conductor cable (yellow conductor)
- Additional brown and orange stripes denote 3 conductor cable
- Additional brown, orange and yellow stripes denote 4 conductor cable

## Product Codes, Trade Sizes, Conductors, Packaging & Weights

Product Code		Trade Size	Length (feet)		Approx. Weight/ 1000 Feet (lbs.)	Armor Minimum O.D. (inches)
Coil	Reel		Coil	Reel		
2704N42-01	2704N60-01	12-2 Solid (brown)	250'	1000'	100	0.467
2704N42-02	2704N60-02	12-2 Solid (orange)	250'	1000'	100	0.467
2704N42-03	2704N60-03	12-2 Solid (yellow)	250'	1000'	100	0.467
2705N42-01	2705N60-01	12-3 Solid (brown, orange)	250'	1000'	130	0.489

NOTE: All dimensions and weights are subject to normal manufacturing tolerances. Other conductor colors available by special order. Not to be used with set screw type fittings or on DC circuits.

**WARNING: DO NOT RE-IDENTIFY CONDUCTOR COLORS.**

**See page 38 for bond wire termination details.**