

# AC-Lite<sup>®</sup> Aluminum Armored Cable (120 Volt colors)

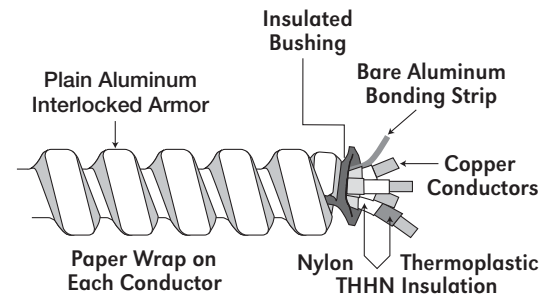
## Technical Specifications Plain Armor

### Specification Description

Specification	AC-Lite
Armor	Interlocking Aluminum Strip
Conductors	Solid/Stranded Copper (see below)
Conductor Insulation	THHN
Conductor Insulation Covering	Paper Wrap
Maximum Temperature Rating	90°C (dry)
Grounding	16AWG integral Bond Wire/Armor combination
Neutral Conductor	White
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



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

Product Code		Trade Size	Length (feet)		Approx. Weight/1000 Feet (lbs.)	Armor Minimum O.D. (inches)
Coil	Reel		Coil	Reel		
2701-42-00	2701-60-00	14-2 Solid	250'	1000'	80	0.433
2702-42-00	2702-60-00	14-3 Solid	250'	1000'	100	0.453
2703-42-00	2703-60-00	14-4 Solid	250'	1000'	120	0.486
2704-42-00	2704-60-00	12-2 Solid	250'	1000'	100	0.467
2705-42-00	2705-60-00	12-3 Solid	250'	1000'	130	0.489
2706-42-00	2706-60-00	12-4 Solid	250'	1000'	155	0.520
2707-32-00	2707-60-00	10-2 Solid	125'	1000'	135	0.476
2708-32-00	2708-60-00	10-3 Solid	125'	1000'	180	0.500
2709-32-00	2709-60-00	10-4 Solid	125'	1000'	225	0.541
2707-42-00	—	10-2 Solid	250'	—	135	0.476
2708-42-00	—	10-3 Solid	250'	—	180	0.500
2709-42-00	—	10-4 Solid	250'	—	225	0.541
2715-40-00	2715-45-00	8-2 Stranded	200'	500'	210	0.604
2716-40-00	2716-45-00	8-3 Stranded	200'	500'	275	0.637
2717-32-00	2717-45-00	8-4 Stranded	125'	500'	355	0.695
2719-32-00	2719-45-00	6-2 Stranded	125'	500'	260	0.700
2720-32-00	2720-45-00	6-3 Stranded	125'	500'	395	0.739
2721-30-00	2721-45-00	6-4 Stranded	100'	500'	500	0.807
2724-30-00	2724-45-00	4-3 Stranded	100'	500'	590	0.885
2725-30-00	2725-45-00	4-4 Stranded	100'	500'	760	0.971
2728-30-00	2728-45-00	3-3 Stranded	100'	500'	720	0.990
2729-30-00	2729-45-00	3-4 Stranded	100'	500'	930	1.085
2726-30-00	2726-45-00	2-3 Stranded	100'	500'	885	1.014
2727-30-00	2727-45-00	2-4 Stranded	100'	500'	1150	1.115

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.

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