

AC-Lite[®] Aluminum Armored Cable (120V)

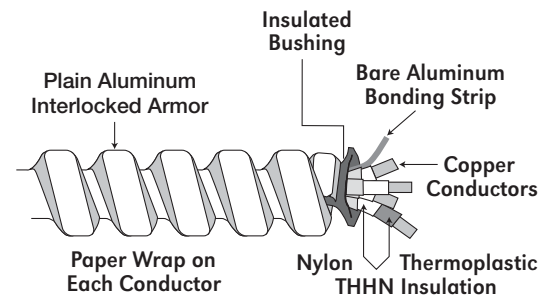
Technical Specifications Plain Armor

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 & Weights

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.