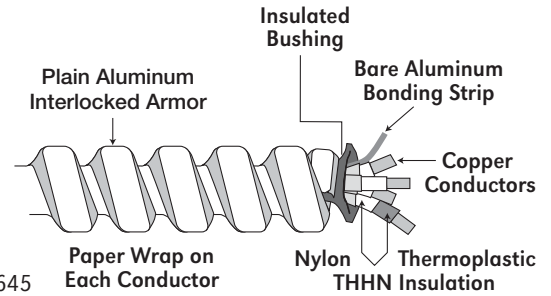


AC-Lite® Aluminum Armored Cable – Type AC (120/208V & 480Y/277V) Technical Specifications Plain Armor



Specification Description

Specification	AC-Lite®
Armor	Interlocking Aluminum Strip (silver or black striped)
Conductors	Solid/Stranded Copper (see below)
Conductor Insulation	THHN
Conductor Insulation Covering	Moisture resistant Fire Retardant Paper Wrap
Maximum Temperature Rating	90°C (dry)
Grounding	16AWG integral Bond Wire/Armor combination
Neutral Conductor	White 120/208V / Grey 480Y/277V
Maximum Voltage Rating	600V



References & Ratings

- UL 4, 83, 1479, 1581, 2556, File Reference E7330
- NEC® 250.118(8), 300.22(C), 392, 320, 645
- Federal Specification A-A-59544 (formerly J-C-30B)
- Meets all applicable OSHA and HUD Requirements
- Cable Tray Rated, install per NEC®
- UL Classified 1, 2, and 3 hour through (Fire) penetration product, R-14141
- Environmental Air-Handling Space Installation per NEC® 300.22(C)
- Aluminum armored cables are RoHS Compliant
- Made in USA of US and/or imported materials



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		
120/208V						
2701-42-00	2701-60-00	14-2 Solid (black, white)	250'	1000'	80	0.433
2702-42-00	2702-60-00	14-3 Solid(black, red, white)	250'	1000'	100	0.453
2703-42-00	2703-60-00	14-4 (black, red, blue, white)	250'	1000'	120	0.486
2704-42-00	2704-60-00	12-2 Solid (black, white)	250'	1000'	100	0.467
2705-42-00	2705-60-00	12-3 Solid(black, red, white)	250'	1000'	130	0.489
2706-42-00	2706-60-00	12-4 (black, red, blue, white)	250'	1000'	155	0.520
2707-32-00	2707-60-00	10-2 Solid (black, white)	125'	1000'	135	0.476
2708-32-00	2708-60-00	10-3 Solid(black, red, white)	125'	1000'	180	0.500
2709-32-00	2709-60-00	10-4 (black, red, blue, white)	125'	1000'	225	0.541
2707-42-00	–	10-2 Solid (black, white)	250'	–	135	0.476
2708-42-00	–	10-3 Solid(black, red, white)	250'	–	180	0.500
2709-42-00	–	10-4 (black, red, blue, white)	250'	–	225	0.541
2715-40-00	2715-45-00	8-2 Stranded (black, white)	200'	500'	210	0.604
2716-40-00	2716-45-00	8-3 Stranded(black, red, white)	200'	500'	275	0.637
2720-32-00	2720-45-00	6-3 Stranded (black, red, blue, white)	125'	500'	395	0.739
2724-30-00	2724-45-00	4-3 Stranded(black, red, white)	100'	500'	590	0.885
2725-30-00	2725-45-00	4-4 Stranded (black, red, blue, white)	100'	500'	760	0.971
2728-30-00	2728-45-00	3-3 Stranded(black, red, white)	100'	500'	720	0.990
2729-30-00	2729-45-00	3-4 Stranded (black, red, blue, white)	100'	500'	930	1.085
2726-30-00	2726-45-00	2-3 Stranded(black, red, white)	100'	500'	885	1.014
2727-30-00	2727-45-00	2-4 Stranded (black, red, blue, white)	100'	500'	1150	1.115
480Y/277V						
2704N42-01	2704N60-01	12-2 Solid (brown)	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.

See page 45 for bond wire termination details.