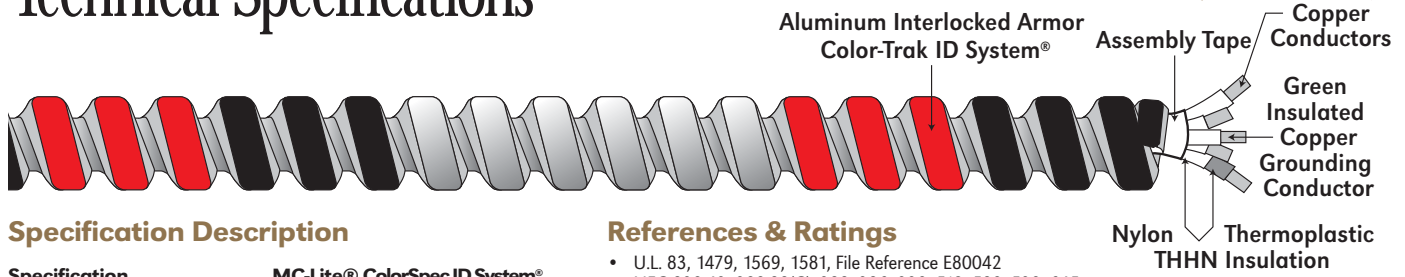




MC-Lite® Metal Clad Aluminum Cable (120V) Technical Specifications



Specification Description

Specification	MC-Lite® ColorSpec ID System®
Armor	Interlocking Aluminum Strip
Conductors	Solid/Stranded Copper
Conductor Insulation	THHN/THWN
Assembly Covering	Polypropylene Tape
Maximum Temperature Rating	90°C (dry)
Grounding	One grounding means – Insulated Green Grounding Conductor
Neutral Conductor	White for 120V circuits
Maximum Voltage Rating	600V

References & Ratings

- U.L. 83, 1479, 1569, 1581, File Reference E80042
- NEC 230.43, 300.22(C), 392, 396, 330, 518, 520, 530, 645
- Federal Specification A-A-59544 (formerly J-C-30B)
- Meets all applicable OSHA and HUD Requirements
- May be surface mounted, fished and/or embedded in plaster
- Cable Tray installations per NEC
- U.L. Classified 1, 2 and 3-hour through-penetration Fire Wall
- Environmental Air-Handling Space installation

AFC's ColorSpec ID System®

	Additional black stripe denotes 2 conductor cable		Additional red and white stripes denote special 2 conductor cable
	Additional black and red stripe denotes 3 conductor cable		Additional light blue and white stripes denote special 2 conductor cable
	Additional black, red and light blue stripes denote 4 conductor cable		Additional red, light blue and white stripes denote special 3 conductor cable
	Additional black, light blue and white stripes denote special 3 conductor cable		

Product Codes, Trade Sizes, Conductors, Packaging & Weights

Product Code		Trade Size	Grounding Conductor AWG	Length (feet)		Approx. Weight/1000 Feet (lbs.)	Armor Minimum O.D. (inches)
Coil	Reel			Coil	Reel		
2101S42-00	2101S60-00	14-2 (black, white)	14 (solid green)	250'	1000'	80	0.470
2102S42-00	2102S60-00	14-3 (black, red, white)	14 (solid green)	250'	1000'	100	0.480
2103S42-00	2103S60-00	14-4 (black, red, blue, white)	14 (solid green)	250'	1000'	120	0.510
2104S42-00	2104S60-00	12-2 (black, white)	12 (solid green)	250'	1000'	110	0.495
2105S42-00	2105S60-00	12-3 (black, red, white)	12 (solid green)	250'	1000'	135	0.530
2106S42-00	2106S60-00	12-4 (black, red, blue, white)	12 (solid green)	250'	1000'	170	0.565
2107S42-00	2107S60-00	10-2 (black, white)	10 (solid green)	250'	1000'	160	0.560
2108S42-00	2108S60-00	10-3 (black, red, white)	10 (solid green)	250'	1000'	215	0.600
2109S42-00	2109S60-00	10-4 (black, red, blue, white)	10 (solid green)	250'	1000'	260	0.645
Stranded Conductors							
2158S42-00	2158S60-00	12-2 Stranded (black, white)	12 (solid green)	250'	1000'	110	0.495
2159S42-00	2159S60-00	12-3 Stranded (black, red, white)	12 (solid green)	250'	1000'	135	0.530
2160S42-00	2160S60-00	12-4 Stranded (black, red, blue, white)	12 (solid green)	250'	1000'	170	0.565
2161S42-00	2161S60-00	10-2 Stranded (black, white)	10 (solid green)	250'	1000'	160	0.560
2162S42-00	2162S60-00	10-3 Stranded (black, red, white)	10 (solid green)	250'	1000'	215	0.600
2163S42-00	2163S60-00	10-4 Stranded (black, red, blue, white)	10 (solid green)	250'	1000'	260	0.645
"Special 120V Colors"							
2104S42-04	2104S60-04	12-2 (red, white)	12 (solid green)	250'	1000'	110	0.495
2104S42-05	2104S60-05	12-2 (blue, white)	12 (solid green)	250'	1000'	110	0.495
2105S42-04	2105S60-04	12-3 (red, blue, white)	12 (solid green)	250'	1000'	135	0.530
2105S42-05	2105S60-05	12-3 (black, blue, white)	12 (solid green)	250'	1000'	135	0.530
2107S42-04	2107S60-04	10-2 (red, white)	10 (solid green)	250'	1000'	160	0.560
2107S42-05	2107S60-05	10-2 (blue, white)	10 (solid green)	250'	1000'	160	0.560
2108S42-04	2108S60-04	10-3 (red, blue, white)	10 (solid green)	250'	1000'	215	0.600
2108S42-05	2108S60-05	10-3 (black, blue, white)	10 (solid green)	250'	1000'	215	0.600

NOTE: All dimensions and weights are subject to normal manufacturing tolerances. Other conductor colors available by special order.

WARNING: DO NOT RE-IDENTIFY CONDUCTOR COLORS

MC-Lite® is also available in 8AWG and larger, see page 12.

