

MC-Lite® Metal Clad Aluminum Cable

Technical Specifications (120V & 480Y/277V, Plain Armor No Striping)

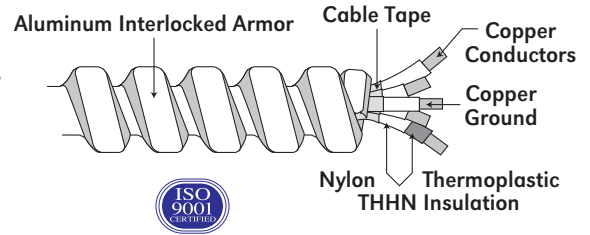
Specification Description

Specification	MC Lite
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 Gray for 480Y/277V 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



Also available in 480Y/277V colors sizes 10-2 through 6-4. See chart below.

Product Codes, Trade Sizes, Conductors, Packaging & Weights

Product Code	Coil	Reel	Trade Size	Grounding Conductor AWG	Length (feet)		Approx. Weight/1000 Feet (lbs.)	Armor Minimum O.D. (inches)
					Coil	Reel		
Stock Items 120V Conductor Colors								
2107-32-00	—	—	10-2 Solid (black, white)	10 (solid green)	125'	—	170	0.560
2108-32-00	—	—	10-3 Solid (black, red, white)	10 (solid green)	125'	—	215	0.600
2109-32-00	—	—	10-4 Solid (black, red, blue, white)	10 (solid green)	125'	—	260	0.645
2107-42-00	2107-60-00	—	10-2 Solid (black, white)	10 (solid green)	250'	1000'	170	0.560
2108-42-00	2108-60-00	—	10-3 Solid (black, red, white)	10 (solid green)	250'	1000'	215	0.600
2109-42-00	2109-60-00	—	10-4 Solid (black, red, blue, white)	10 (solid green)	250'	1000'	260	0.645
2161-42-00	2161-60-00	—	10-2 Stranded (black, white)	10 (solid green)	250'	1000'	170	0.560
2162-42-00	2162-60-00	—	10-3 Stranded (black, red, white)	10 (solid green)	250'	1000'	215	0.600
2163-42-00	2163-60-00	—	10-4 Stranded (black, red, blue, white)	10 (solid green)	250'	1000'	260	0.645
2115-40-00	2115-45-00	—	8-2 Stranded (black, white)	10 (solid green)	200'	500'	265	0.635
2116-40-00	2116-45-00	—	8-3 Stranded (black, red, white)	10 (solid green)	200'	500'	335	0.685
2117-32-00	2117-45-00	—	8-4 Stranded (black, red, blue, white)	10 (solid green)	125'	500'	415	0.835
2119-32-00	2119-45-00	—	6-2 Stranded (black, white)	8 (solid green)	125'	500'	370	0.795
2120-32-00	2120-45-00	—	6-3 Stranded (black, red, white)	8 (solid green)	125'	500'	480	0.855
2121-30-00	2121-45-00	—	6-4 Stranded (black, red, blue, white)	8 (solid green)	100'	500'	595	0.945
2124-30-00	2124-45-00	—	4-3 Stranded (black, red, white)	8 (solid green)	100'	500'	690	1.035
2125-30-00	2125-45-00	—	4-4 Stranded (black, red, blue, white)	8 (solid green)	100'	500'	870	1.135
2128-30-00	2128-45-00	—	3-3 Stranded (black, red, white)	6 (solid green)	100'	500'	815	1.025
2129-30-00	2129-45-00	—	3-4 Stranded (black, red, blue, white)	6 (solid green)	100'	500'	1025	1.120
2126-30-00	2126-45-00	—	2-3 Stranded (black, red, white)	6 (solid green)	100'	500'	1000	1.180
2127-30-00	2127-45-00	—	2-4 Stranded (black, red, blue, white)	6 (solid green)	100'	500'	1260	1.295
2137-30-00	2137-45-00	—	1-3 Stranded (black, red, white)	6 (solid green)	100'	500'	1195	1.185
480Y/277V Conductor Colors								
2107-42-01	2107-60-01	—	10-2 Stranded (brown, gray)	10 (solid green)	250'	1000'	170	0.560
2107-42-02	2107-60-02	—	10-2 Stranded (orange, gray)	10 (solid green)	250'	1000'	170	0.560
2107-42-03	2107-60-03	—	10-2 Stranded (yellow, gray)	10 (solid green)	250'	1000'	170	0.560
2108-42-01	2108-60-01	—	10-3 Stranded (brown, orange, gray)	10 (solid green)	250'	1000'	215	0.600
2108-42-02	2108-60-02	—	10-3 Stranded (orange, yellow, gray)	10 (solid green)	250'	1000'	215	0.600
2108-42-03	2108-60-03	—	10-3 Stranded (brown, yellow, gray)	10 (solid green)	250'	1000'	215	0.600
2109-42-01	2109-60-01	—	10-4 Stranded (brown, orange, yellow, gray)	10 (solid green)	250'	1000'	260	0.645
2115-40-01	2115-45-01	—	8-2 Stranded (brown, gray)	10 (solid green)	200'	500'	329	0.635
2116-40-01	2116-45-01	—	8-3 Stranded (brown, orange, gray)	10 (solid green)	200'	500'	432	0.685
2117-32-01	2117-45-01	—	8-4 Stranded (brown, orange, yellow, gray)	10 (solid green)	125'	500'	511	0.835
2119-32-01	2119-45-01	—	6-2 Stranded (brown, gray)	8 (solid green)	125'	500'	462	0.795
2120-32-01	2120-45-01	—	6-3 Stranded (brown, orange, gray)	8 (solid green)	125'	500'	594	0.855
2121-30-01	2121-45-01	—	6-4 Stranded (brown, orange, yellow, gray)	8 (solid green)	100'	500'	595	0.945

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

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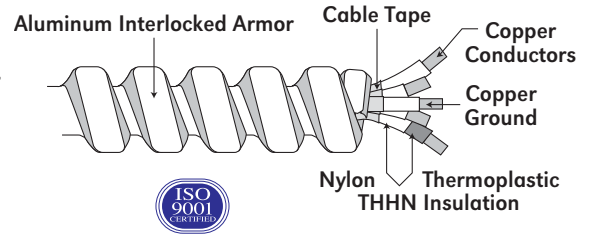
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2107-42-03	2107-60-03	—	10-2 Stranded (yellow, gray)	10 (solid green)	250'	1000'	170	0.560
2108-42-01	2108-60-01	—	10-3 Stranded (brown, orange, gray)	10 (solid green)	250'	1000'	215	0.600
2108-42-02	2108-60-02	—	10-3 Stranded (orange, yellow, gray)	10 (solid green)	250'	1000'	215	0.600
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