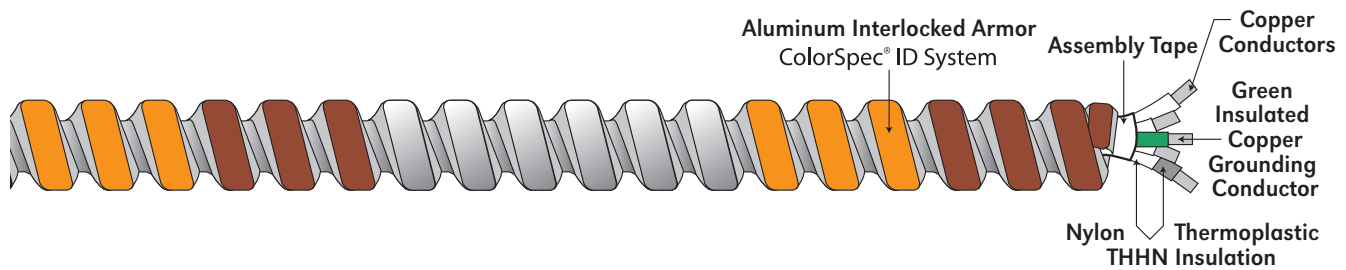


MC Lite® Aluminum Armored Cable

Traditional Type MC (480Y/277V) 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	Grey for 480Y/277V circuits
Maximum Voltage Rating	600V

References & Ratings

- UL 83, 1479, 1569, 1581, 2556, File Reference E80042
- NEC® 230.43, 300.22(C), 392, 396, 330, 501, 502, 503, 530, 504, 505, 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 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	Grounding Conductor AWG	Length (feet)		Approx. Weight/1000 Feet (lbs.)	Armor Minimum O.D. (inches)
Coil	Reel			Coil	Reel		
2104S42-01	2104S60-01	12-2 Solid (brown, gray)	12 (solid green)	250'	1000'	110	0.495
2104S42-02	2104S60-02	12-2 Solid (orange, gray)	12 (solid green)	250'	1000'	110	0.495
2104S42-03	2104S60-03	12-2 Solid (yellow gray)	12 (solid green)	250'	1000'	110	0.495
2104S42-07	2104S60-07	12-2 Solid (purple, gray)	12 (solid green)	250'	1000'	110	0.495
2105S42-01	2105S60-01	12-3 Solid (brown, orange, gray)	12 (solid green)	250'	1000'	135	0.530
2105S42-02	2105S60-02	12-3 Solid (orange, yellow, gray)	12 (solid green)	250'	1000'	135	0.530
2105S42-03	2105S60-03	12-3 Solid (brown, yellow, gray)	12 (solid green)	250'	1000'	135	0.530
2105S42-07	2105S60-07	12-3 Solid (brown, purple, gray)	12 (solid green)	250'	1000'	135	0.530
2106S42-01	2106S60-01	12-4 Solid (brown, orange, yellow, gray)	12 (solid green)	250'	1000'	170	0.565
2158S42-01	2158S60-01	12-2 Stranded (brown, gray)	12 (stranded green)	250'	1000'	110	0.495
2158S42-02	2158S60-02	12-2 Stranded (orange, gray)	12 (stranded green)	250'	1000'	110	0.495
2158S42-03	2158S60-03	12-2 Stranded (yellow, gray)	12 (stranded green)	250'	1000'	110	0.495
2159S42-01	2159S60-01	12-3 Stranded (brown, orange, gray)	12 (stranded green)	250'	1000'	135	0.530
2160S42-01	2160S60-01	12-4 Stranded (brown, orange, yellow, gray)	12 (stranded green)	250'	1000'	170	0.565

MC Lite® is also available in 10 AWG and larger, see page 21.

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