

MC Lite® Aluminum Armored Cable

Type MC (277/480V Colors) Technical Specifications

Armor

Interlocked Aluminum Strip with ColorSpec® ID

Conductors

Solid or Stranded Copper

Conductor Insulation

THHN/THWN

Assembly Covering

Polypropylene Tape

Maximum Temperature Rating

90°C (Dry)

Grounding

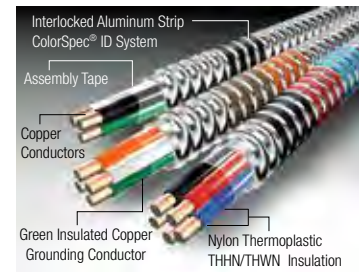
Insulated Green Grounding Conductor

Neutral Conductor

Gray 277/480V

Maximum Voltage Rating

600V



MC CABLES

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, R14141
- Environmental Air-Handling Space Installation per NEC® 300.22(C)
- U.S. Patent No. 8,278,554 B2
- Made in USA of US and/or imported materials

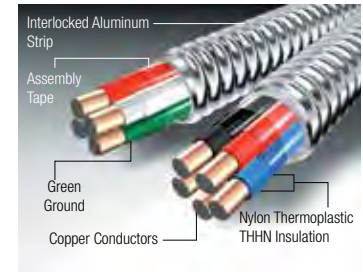
Product Code No.		Trade Size	Grounding Conductor AWG	Length (ft)		Approx. Weight/ 1,000ft (lbs)	Approx. Armor O.D. (in)
Coil	Reel			Coil	Reel		
Solid 277/408V							
2104S42-01	2104S60-01	12-2 Solid (Brown, Gray)	12 Solid (Green)	250	1000	106	0.517
2104S42-02	2104S60-02	12-2 Solid (Orange, Gray)	12 Solid (Green)	250	1000	106	0.517
2104S42-03	2104S60-03	12-2 Solid (Yellow, Gray)	12 Solid (Green)	250	1000	106	0.517
2104S42-07	2104S60-07	12-2 Solid (Purple, Gray)	12 Solid (Green)	250	1000	106	0.517
2105S42-01	2105S60-01	12-3 Solid (Brown, Orange, Gray)	12 Solid (Green)	250	1000	134	0.549
2105S42-02	2105S60-02	12-3 Solid (Orange, Yellow, Gray)	12 Solid (Green)	250	1000	134	0.549
2105S42-03	2105S60-03	12-3 Solid (Brown, Yellow, Gray)	12 Solid (Green)	250	1000	134	0.549
2105S42-07	2105S60-07	12-3 Solid (Brown, Purple, Gray)	12 Solid (Green)	250	1000	134	0.549
2106S42-01	2106S60-01	12-4 Solid (Brown, Orange, Yellow, Gray)	12 Solid (Green)	250	1000	162	0.586
Stranded 277/408V							
2158S42-01	2158S60-01	12-2 Stranded (Brown, Gray)	12 Stranded (Green)	250	1000	111	0.538
2158S42-02	2158S60-02	12-2 Stranded (Orange, Gray)	12 Stranded (Green)	250	1000	111	0.538
2158S42-03	2158S60-03	12-2 Stranded (Yellow, Gray)	12 Stranded (Green)	250	1000	111	0.538
2159S42-01	2159S60-01	12-3 Stranded (Brown, Orange, Gray)	12 Stranded (Green)	250	1000	140	0.573
2160S42-01	2160S60-01	12-4 Stranded (Brown, Orange, Yellow, Gray)	12 Stranded (Green)	250	1000	169	0.613

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

MC Lite® is also available in 8 AWG-2 through 2 AWG-4, see page 38.

MC Lite® Metal Clad Aluminum Armored Cable 10 AWG

Type MC (120/208V Colors & 277/480V Colors) Technical Specifications



Armor
Interlocked Aluminum Strip

Conductors
Solid or Stranded Copper

Conductor Insulation
THHN/THWN

Assembly Covering
Polypropylene Tape

Maximum Temperature Rating
90°C (Dry)

Grounding
Insulating Green Grounding Conductor

Neutral Conductor
White 120/208V
Gray 277/480V

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, R14141
- Environmental Air-Handling Space Installation per NEC® 300.22(C)
- RoHS Compliant
- Made in USA of US and/or imported materials

Product Code		Trade Size	Grounding Conductor AWG	Length (ft)		Approx. Weight/ 1,000ft (lbs)	Approx. Armor O.D. (in)
Coil	Reel			Coil	Reel		
MC Lite® Metal Clad Aluminum Armored Cable							
120/208V Solid							
2107-42-00	2107-60-00	10-2 Solid (Black, White)	10 Solid (Green)	250	1000	155	0.581
2107-42-04	2107-60-04	10-2 Solid (Red, White)	10 Solid (Green)	250	1000	155	0.581
2107-42-05	2107-60-05	10-2 Solid (Blue, White)	10 Solid (Green)	250	1000	155	0.581
2108-42-00	2108-60-00	10-3 Solid (Black, Red, White)	10 Solid (Green)	250	1000	198	0.622
2108-42-04	2108-60-04	10-3 Solid (Red, Blue, White)	10 Solid (Green)	250	1000	198	0.622
2108-42-05	2108-60-05	10-3 Solid (Black, Blue, 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	241	0.667
120/208V Stranded							
2161-42-00	2161-60-00	10-2 Stranded (Black, White)	10 Stranded (Green)	250	1000	161	0.614
2162-42-00	2162-60-00	10-3 Stranded (Black, Red, White)	10 Stranded (Green)	250	1000	289	0.659
2163-42-00	2163-60-00	10-4 Stranded (Black, Red, Blue, White)	10 Stranded (Green)	250	1000	255	0.704
277/480V Solid							
2107-42-01	2107-60-01	10-2 Solid (Brown, Gray)	10 Solid (Green)	250	1000	155	0.581
2107-42-02	2107-60-02	10-2 Solid (Orange, Gray)	10 Solid (Green)	250	1000	155	0.581
2107-42-03	2107-60-03	10-2 Solid (Yellow, Gray)	10 Solid (Green)	250	1000	155	0.581
2108-42-01	2108-60-01	10-3 Solid (Brown, Orange, Gray)	10 Solid (Green)	250	1000	198	0.600
2108-42-02	2108-60-02	10-3 Solid (Orange, Yellow, Gray)	10 Solid (Green)	250	1000	198	0.600
2108-42-03	2108-60-03	10-3 Solid (Brown, Yellow, Gray)	10 Solid (Green)	250	1000	198	0.600
2109-42-01	2109-60-01	10-4 Solid (Brown, Orange, Yellow, Gray)	10 Solid (Green)	250	1000	241	0.667
277/480V Stranded							
2161-42-01	2161-60-01	10-2 Stranded (Brown, Gray)	10 Stranded (Green)	250	1000	161	0.614
2162-42-01	2162-60-01	10-3 Stranded (Brown, Orange, Gray)	10 Stranded (Green)	250	1000	205	0.658
2163-42-01	2163-60-01	10-4 Stranded (Brown, Orange, Yellow, Gray)	10 Stranded (Green)	250	1000	255	0.704