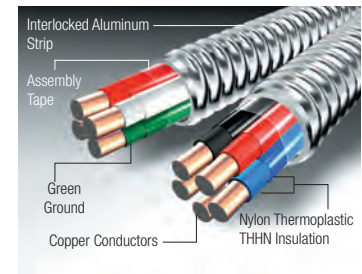


MC Lite® Metal Clad Aluminum Armored Cable 10 AWG

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 |

MC Lite® Barrel

Type MC (120/280V Colors & 277/480V Colors) Technical Specifications



MCCABLES

Armor

Interlocked Aluminum Strip

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

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)
- 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) |
|--|--|-------------------------|-------------|-------------------------------|-------------------------|
| MC Lite® Aluminum Armored Cable | | | | | |
| 120/208V Solid | | | | | |
| 2104-93-00 | 12-2 Solid (Black, White) | 12 Solid (Green) | 2500 | 295 | 0.517 |
| 2105-92-00 | 12-3 Solid (Black, Red, White) | 12 Solid (Green) | 2000 | 290 | 0.549 |
| 2106-91-00* | 12-4 Solid (Black, Red, Blue, White) | 12 Solid (Green) | 1500 | 275 | 0.586 |
| 2107-91-00* | 10-2 Solid (Black, White) | 10 Solid (Green) | 1500 | 260 | 0.581 |
| 2108-90-00* | 10-3 Solid (Black, Red, White) | 10 Solid (Green) | 1000 | 235 | 0.622 |
| 2109-90-00* | 10-4 Solid (Black, Red, Blue, White) | 10 Solid (Green) | 1000 | 280 | 0.667 |
| 120/208V Stranded | | | | | |
| 2158-92-00 | 12-2 Stranded (Black, White) | 12 Stranded (Green) | 2000 | 240 | 0.538 |
| 2159-91-00 | 12-3 Stranded (Black, Red, White) | 12 Stranded (Green) | 1500 | 290 | 0.573 |
| 2160-90-00* | 12-4 Stranded (Black, Red, Blue, White) | 12 Stranded (Green) | 1000 | 190 | 0.613 |
| 2161-90-00* | 10-2 Stranded (Black, White) | 10 Stranded (Green) | 1000 | 180 | 0.614 |
| 277/480V Solid | | | | | |
| 2104-93-01 | 12-2 Solid (Brown, Gray) | 12 Solid (Green) | 2500 | 295 | 0.517 |
| 2104-93-02* | 12-2 Solid (Orange, Gray) | 12 Solid (Green) | 2500 | 295 | 0.517 |
| 2104-93-03* | 12-2 Solid (Yellow, Gray) | 12 Solid (Green) | 2500 | 295 | 0.517 |
| 2105-92-01 | 12-3 Solid (Brown, Orange, Gray) | 12 Solid (Green) | 2000 | 290 | 0.549 |
| 2105-92-02* | 12-3 Solid (Orange, Yellow, Gray) | 12 Solid (Green) | 2000 | 290 | 0.549 |
| 2105-92-03* | 12-3 Solid (Brown, Yellow, Gray) | 12 Solid (Green) | 2000 | 290 | 0.549 |
| 2106-91-01* | 12-4 Solid (Brown, Orange, Yellow, Gray) | 12 Solid (Green) | 1500 | 275 | 0.586 |
| 2107-91-01* | 10-2 Solid (Brown, Gray) | 10 Solid (Green) | 1500 | 260 | 0.581 |
| 2108-90-01* | 10-3 Solid (Brown, Orange, Gray) | 10 Solid (Green) | 1000 | 235 | 0.600 |
| 2109-90-01* | 10-4 Solid (Brown, Orange, Yellow, Gray) | 10 Solid (Green) | 1000 | 280 | 0.667 |
| 277/480V Stranded | | | | | |
| 2158-92-01 | 12-2 Stranded (Brown, Gray) | 12 Stranded (Green) | 2000 | 240 | 0.538 |
| 2159-91-01 | 12-3 Stranded (Brown, Orange, Gray) | 12 Stranded (Green) | 1500 | 290 | 0.573 |

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

* Special Order, subject to lead times and minimum order quantities.