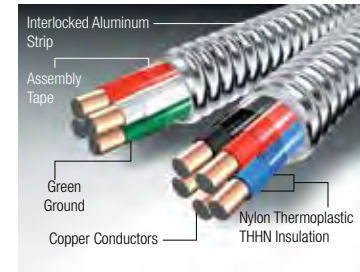


# MC Lite® Metal Clad Aluminum Armored Cable 10 AWG

## 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 |                               |                         |
| <b>MC Lite® Metal Clad Aluminum Armored Cable</b> |            |   |                         |             |      |                               |                         |
| <b>120/208V Solid</b>                             |            |   |                         |             |      |                               |                         |
| 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                   |
| <b>120/208V Stranded</b>                          |            |   |                         |             |      |                               |                         |
| 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                   |
| <b>277/480V Solid</b>                             |            |   |                         |             |      |                               |                         |
| 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                   |
| <b>277/480V Stranded</b>                          |            |   |                         |             |      |                               |                         |
| 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



MC CABLES

**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) |
|--|--|-------------------------|-------------|-------------------------------|-------------------------|
| <b>MC Lite® Aluminum Armored Cable</b> |  |                         |             |                               |                         |
| <b>120/208V Solid</b>                  |  |                         |             |                               |                         |
| 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                   |
| <b>120/208V Stranded</b>               |  |                         |             |                               |                         |
| 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                   |
| <b>277/480V Solid</b>                  |  |                         |             |                               |                         |
| 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                   |
| <b>277/480V Stranded</b>               |  |                         |             |                               |                         |
| 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.