

MC-Plus® Neutral Per Phase Cable

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

Armor

Interlocked Galvanized Steel Strip Color-Coded White Armor 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 Copper Grounding Conductor

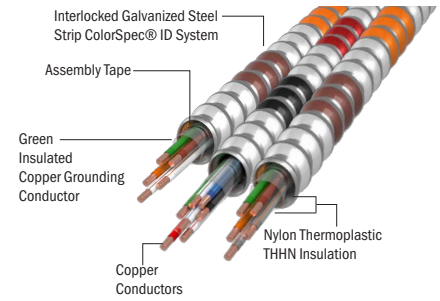
Neutral Conductor - Identified to Corresponding Phase Conductor

White 120/208V

Gray 277/480V

Maximum Voltage Rating

600V



MC CABLES



References & Ratings

- UL 83, 1479, 1569, 1581, 2556, File Reference E80042
- NEC® 210.4(B), 230.43, 300.22(C), 330, 392, 396.10(A), 645
- Federal Specification A-A-59544 (formerly J-C-30B)
- Meets all applicable OSHA and HUD Requirements
- UL Classified 1, 2, and 3 hour through (Fire) penetration product, R14141
- NEC® 300.22(C) Environmental Air Handling Spaces (Plenum)
- Made in USA of US and/or imported materials
- Cable tray rated, install per NEC®
- U.S. Patent No. 8,278,554 B2

| Product Code No. | | Phase Conductor AWG | Neutral Conductor AWG | Grounding Conductor AWG | Approx. Weight/ 1,000ft (lb) | Approx. Armor O.D. (in) |
|--------------------|-------------|--------------------------------------|-----------------------|-------------------------|------------------------------|-------------------------|
| 250' Coil | 1000' Reel | | | | | |
| Steel Solid | | | | | | |
| 3904-42-00 | 3904-60-00 | 12-2 (Black, Red) | 12-2 (2) White | 12-1 (Green) | 233 | 0.586 |
| 3904-42-01 | 3904-60-01 | 12-2 (Brown, Orange) | 12-2 (2) Gray | 12-1 (Green) | 233 | 0.586 |
| 3904-42-02* | 3904-60-02* | 12-2 (Orange, Yellow) | 12-2 (2) Gray | 12-1 (Green) | 233 | 0.586 |
| 3904-42-03* | 3904-60-03* | 12-2 (Brown, Yellow) | 12-2 (2) Gray | 12-1 (Green) | 233 | 0.586 |
| 3904-42-04 | 3904-60-04 | 12-2 (Red, Blue) | 12-2 (2) White | 12-1 (Green) | 233 | 0.586 |
| 3904-42-05 | 3904-60-05 | 12-2 (Black, Blue) | 12-2 (2) White | 12-1 (Green) | 233 | 0.586 |
| 3905-42-00 | 3905-60-00 | 12-3 (Black, Red, Blue) | 12-3 (3) White | 12-1 (Green) | 292 | 0.623 |
| 3905-42-01 | 3905-60-01 | 12-3 (Brown, Orange, Yellow) | 12-3 (3) Gray | 12-1 (Green) | 292 | 0.623 |
| 3906-42-00 | 3906-60-00 | 12-4 (Black, Black, Red, Red) | 12-4 (4) White | 12-1 (Green) | 363 | 0.701 |
| 3913-42-00* | 3913-60-00* | 12-6 (2)(Black), (2)(Blue), (2)(Red) | 12-6 (6) White | 12-1 (Green) | 509 | 0.797 |
| 3907-42-00 | 3907-60-00 | 10-2 (Black, Red) | 10-2 (2) White | 10-1 (Green) | 326 | 0.667 |
| 3907-42-01 | 3907-60-01 | 10-2 (Brown, Orange) | 10-2 (2) Gray | 10-1 (Green) | 326 | 0.667 |
| 3908-42-00 | 3908-60-00 | 10-3 (Black, Red, Blue) | 10-3 (3) White | 10-1 (Green) | 415 | 0.713 |
| 3908-42-01 | 3908-60-01 | 10-3 (Brown, Orange, Yellow) | 10-3 (3) Gray | 10-1 (Green) | 415 | 0.713 |
| 3909-42-00 | 3909-60-00 | 10-4 (Black, Black, Red, Red) | 10-4 (4) White | 10-1 (Green) | 565 | 0.856 |
| 3914-42-00 | 3914-60-00 | 10-6 (2)(Black), (2)(Blue), (2)(Red) | 10-6 (6) White | 10-1 (Green) | 761 | 0.979 |

NOTE: All dimensions and weights are subject to normal manufacturing tolerances.

* Special order, subject to lead times and minimums

| Two Wire | Phase Colors | Neutrals |
|------------|---------------------------|--|
| -00 | Black, Red | White w/Red Stripe, White w/Black Stripe |
| -01 | Brown, Orange | Gray w/Brown Stripe, Gray w/Orange Stripe |
| -02 | Orange, Yellow | Gray w/Orange Stripe, Gray w/Yellow Stripe |
| -03 | Brown, Yellow | Gray w/Brown Stripe, Gray w/Yellow Stripe |
| -04 | Red, Blue | White w/Red Stripe, White w/Blue Stripe |
| -05 | Black, Blue | White w/Black Stripe, White w/Blue Stripe |
| Three Wire | Phase Colors | Neutrals |
| 00 | Black, Red, Blue | White w/Black Stripe, White w/Red Stripe, White w/Blue Stripe |
| -01 | Brown, Orange, Yellow | Gray w/Brown Stripe, White w/Orange Stripe, White w/Yellow Stripe |
| Four Wire | Phase Colors | Neutrals |
| -00 | 2 Blacks, 2 Red | White w/Black Stripe and Printed 1, White w/Black Stripe and Printed 2, White w/Red Stripe and Printed 1, White w/Red Stripe and Printed 2 |
| Six Wire | Phase Colors | Neutrals |
| -00 | 2 Blacks, 2 Blues, 2 Reds | White w/Black Stripe and Printed 1, White w/Black Stripe and Printed 2, White w/Blue Stripe and Printed 1, White w/Blue Stripe and Printed 2, White w/Red Stripe and Printed 1, White w/Red Stripe and Printed 2 |

MC-Plus® Lite Neutral Per Phase Cable

Type MC Aluminum (120/208V & 277/480V) 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

Insulated Green Copper Grounding Conductor

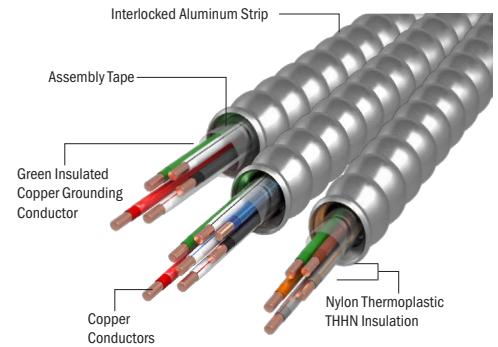
Neutral Conductor - Identified to Corresponding Phase Conductor

White 120/208V

Gray 277/480V

Maximum Voltage Rating

600V



References & Ratings

- UL 83, 1479, 1569, 1581, 2556, File Reference E80042
- NEC® 210.4(B), 230.43, 300.22(C), 330, 392, 396.10(A), 645
- Federal Specification A-A-59544 (formerly J-C-30B)
- Meets all applicable OSHA and HUD Requirements
- UL Classified 1, 2, and 3 hour through (Fire) penetration product, R14141
- NEC® 300.22(C) Environmental Air Handling Spaces (Plenum)
- Aluminum armored cables are RoHS Compliant
- Made in USA of US and/or imported materials
- Cable tray rated, install per NEC®

| Product Code No. | | Phase Conductor AWG | Neutral Conductor AWG | Grounding Conductor AWG | Approx. Weight/ 1,000ft (lb) | Approx. Armor O.D. (in) |
|--|--------------|--|---|-------------------------|------------------------------|-------------------------|
| 250' Coil | 1000' Reel | | | | | |
| MC Plus Lite Solid Conductor | | | | | | |
| 3604-42-700 | 3604-60-700 | 12-2 (Black, Red) | 12-2 (White w/Black Stripe, White w/Red Stripe) | 12-1 (Green) | 162 | 0.586 |
| 3604-42-701 | 3604-60-701 | 12-2 (Brown, Orange) | 12-2 (Gray w/ Brown Stripe, Gray w/Orange Stripe) | 12-1 (Green) | 162 | 0.586 |
| 3604-42-702* | 3604-60-702* | 12-2 (Brown, Yellow) | 12-2 (Gray w/Brown Stripe, Gray w/Yellow Stripe) | 12-1 (Green) | 162 | 0.586 |
| 3604-42-703* | 3604-60-703* | 12-2 (Orange, Yellow) | 12-2 (Gray w/Orange Stripe, Gray with Yellow Stripe) | 12-1 (Green) | 162 | 0.586 |
| 3604-42-704* | 3604-60-704* | 12-2 (Red, Blue) | 12-2 (White w/Red Stripe, White w/Blue Stripe) | 12-1 (Green) | 162 | 0.586 |
| 3604-42-705* | 3604-60-705* | 12-2 (Black, Blue) | 12-2 (White w/Black Stripe, White w/Blue Stripe) | 12-1 (Green) | 162 | 0.586 |
| 3605-42-700 | 3605-60-700 | 12-3 (Black, Red, Blue) | 12-3 (White w/Black Stripe, White w/Red Stripe, White w/Blue Stripe) | 12-1 (Green) | 214 | 0.623 |
| 3605-42-701 | 3605-60-701 | 12-3 (Brown, Orange, Yellow) | 12-3 (Gray w/Brown Stripe, Gray with Orange Stripe, Gray w/Yellow Stripe) | 12-1 (Green) | 214 | 0.623 |
| 3606-42-714 | 3606-60-714 | 12-4 (Black, Red, Blue, Pink) | 12-4 (White w/Black, White w/Red Stripe, White w/Blue Stripe, White w/Pink Stripe) | 12-1 (Green) | 273 | 0.701 |
| 3607-42-700 | 3607-60-700 | 10-2 (Black, Red) | 10-2 (White w/Black Stripe, White w/Red Stripe) | 10-1 (Green) | 241 | 0.667 |
| 3607-42-701 | 3607-60-701 | 10-2 (Brown, Orange) | 10-2 (Gray w/Brown Stripe, Gray w/Orange Stripe) | 10-1 (Green) | 241 | 0.667 |
| 3608-42-700 | 3608-60-700 | 10-3 (Black, Red, Blue) | 10-3 (White w/Black Stripe, White w/Red Stripe) | 10-1 (Green) | 323 | 0.713 |
| 3608-42-701 | 3608-60-701 | 10-3 (Brown, Orange, Yellow) | 10-3 (Gray w/Brown Stripe, Gray w/Orange Stripe, Gray w/Yellow Stripe) | 10-1 (Green) | 323 | 0.713 |
| 3609-44-714** | 3609-60-714 | 10-4 (Black, Red, Blue, Pink) | 10-4 (White w/Black, White w/Red Stripe, White w/Blue Stripe, White w/Pink Stripe) | 10-1 (Green) | 427 | 0.856 |
| 3614-44-700** | 3614-60-700 | **10-6 (Black 1, Red 1, Blue 1 Black 2, Red 2, Blue 2)** | 10-6 (White w/ Black 1 Stripe, White w/ Red 1 Stripe, White w/ Blue 1 Stripe, White w/ Black 2 Stripe, White w/ Red 2 Stripe, White w/ Blue 2 Stripe) | 10-1 (Green) | 598 | 0.979 |
| MC Plus Lite Stranded Conductor | | | | | | |
| 3658-42-700 | 3658-60-700 | 12-2 (Black, Red) | 12-2 (White w/Black Stripe, White w/Red Stripe) | 12-1 (Green) | 169 | 0.613 |
| 3658-42-701* | 3658-60-701* | 12-2 (Brown, Orange) | 12-2 (Gray w/ Brown Stripe, Gray w/Orange Stripe) | 12-1 (Green) | 169 | 0.613 |
| 3659-42-700 | 3659-60-700 | 12-3 (Black, Red, Blue) | 12-3 (White w/Black Stripe, White w/Red Stripe, White w/Blue Stripe) | 12-1 (Green) | 241 | 0.650 |
| 3659-42-701 | 3659-60-701 | 12-3 (Brown, Orange, Yellow) | 12-3 (Gray w/Brown Stripe, Gray with Orange Stripe, Gray w/Yellow Stripe) | 12-1 (Green) | 241 | 0.650 |
| 3661-42-700 | 3661-60-700 | 10-2 (Black, Red) | 10-2 (White w/Black Stripe, White w/Red Stripe) | 10-1 (Green) | 268 | 0.704 |
| 3661-42-701 | 3661-60-701 | 10-2 (Brown, Orange) | 10-2 (Gray w/Brown Stripe, Gray w/Orange Stripe) | 10-1 (Green) | 268 | 0.704 |
| 3662-44-700** | 3662-60-700 | 10-3 (Black, Red, Blue) | 10-3 (White w/Black Stripe, White w/Red Stripe) | 10-1 (Green) | 355 | 0.755 |
| 3662-44-701** | 3662-60-701* | 10-3 (Brown, Orange, Yellow) | 10-3 (Gray w/Brown Stripe, Gray w/Orange Stripe, Gray w/Yellow Stripe) | 10-1 (Green) | 355 | 0.755 |
| 3663-44-714** | 3663-60-714* | 10-4 (Black, Red, Blue, Pink) | 10-4 (White w/Black, White w/Red Stripe, White w/Blue Stripe, White w/Pink Stripe) | 10-1 (Green) | 464 | 0.911 |

NOTE: All dimensions and weights are subject to normal manufacturing tolerances.

* Non-stock items require lead time and minimum quantity order.

** "44" Put-up code is for 250' Reels only.