

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

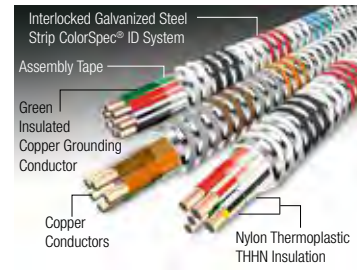
Neutral Conductor - Identified to Corresponding Phase Conductor

White 120/208V

Gray 277/480V

Maximum Voltage Rating

600V



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
- Environmental Air-Handling Space Installation per NEC® 300.22(C)
- 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 (lbs)	Approx. Armor O.D. (in)
250' Coil	1000' Reel					
MC-Plus® Neutral per Phase Cable						
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)	306	0.620
3905-42-01	3905-60-01	12-3 (Brown, Orange, Yellow)	12-3 (3) Gray	12-1 (Green)	306	0.620
3906-42-00	3906-60-00	12-4 (Black, Black, Red, Red)	12-4 (4) White	12-1 (Green)	363	0.701
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)	433	0.710
3908-42-01	3908-60-01	10-3 (Brown, Orange, Yellow)	10-3 (3) Gray	10-1 (Green)	433	0.710
3909-42-00	3909-60-00	10-4 (Black, Black, Red, Red)	10-4 (4) White	10-1 (Green)	570	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

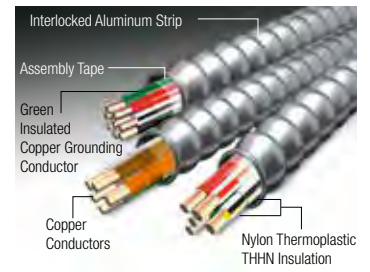
NOTE: All dimensions and weights are subject to normal manufacturing tolerances.
*Plain armor

Two Wire	Phase Colors	Neutrals
00	Black, Red	2 Whites
-01	Brown, Orange	2 Grays
-02	Orange, Yellow	2 Grays
-03	Brown, Yellow	2 Grays
-04	Red, Blue	2 Whites
-05	Black, Blue	2 Whites
Three Wire	Phase Colors	Neutrals
00	Black, Red, Blue	3 Whites
-01	Brown, Orange, Yellow	3 Grays
Four Wire	Phase Colors	Neutrals
-00	2 Blacks, 2 Red	4 Whites
Six Wire	Phase Colors	Neutrals
-00	2 Blacks, 2 Blues, 2 Reds	6 Whites

For healthcare applications See MC-Stat® Plus see page 23.

MC-Plus® Lite Neutral Per Phase Cable

Type MC Aluminum (120/208V & 277/480V) 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 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
- 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
- Cable tray rated, install per NEC®

Product Code No.		Phase Conductor AWG	Neutral Conductor AWG	Grounding Conductor AWG	Approx. Weight/ 1,000ft (lbs)	Approx. Armor O.D. (in)
250' Coil	1000' Reel					
MC-Plus® Lite Neutral per Phase Cable - Aluminum						
Aluminum Stranded						
3658-42-00	3658-60-00	12-2 (Black, Red)	12-2 (2) White	12-1 (Green)	169	0.613
3658-42-01	3658-60-01	12-2 (Brown, Orange)	12-2 (2) White	12-1 (Green)	169	0.613
3659-42-00	3659-60-00	12-3 (Black, Red, Blue)	12-3 (3) White	12-1 (Green)	241	0.613
3659-42-01	3659-60-01	12-3 (Brown, Orange, Yellow)	12-3 (3) Gray	12-1 (Green)	241	0.613
3661-42-00	3661-60-00	10-2 (Black, Red)	10-2 (2) White	10-1 (Green)	255	0.704
3661-42-01	3661-60-01	10-2 (Brown, Orange)	10-2 (2) Gray	10-1 (Green)	255	0.704
3662-42-00	3662-60-00	10-3 (Black, Red, Blue)	10-3 (3) White	10-1 (Green)	347	0.805
3662-42-01	3662-60-01	10-3 (Brown, Orange, Yellow)	10-3 (3) Gray	10-1 (Green)	347	0.805
3663-42-00	3663-60-00	10-4 (Black, Black, Red, Red)	10-4 (4) White	10-1 (Green)	442	0.911

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

Product Code No.		Phase Conductor AWG	Neutral Conductor AWG	Grounding Conductor AWG	Approx. Weight/ 1,000ft (lbs)	Approx. Armor O.D. (in)
250' Coil	1000' Reel					
MC-Plus® Lite Neutral per Phase Cable - Aluminum						
Aluminum Solid						
3604-42-00	3604-60-00	12-2 (Black, Red)	12-2 (2) White	12-1 (Green)	162	0.586
3604-42-01	3604-60-01	12-2 (Brown, Orange)	12-2 (2) White	12-1 (Green)	162	0.586
3605-42-00	3605-60-00	12-3 (Black, Red, Blue)	12-3 (3) White	12-1 (Green)	214	0.623
3605-42-01	3605-60-01	12-3 (Brown, Orange, Yellow)	12-3 (3) Gray	12-1 (Green)	214	0.623

Two Wire	Phase Colors	Neutrals
00	Black, Red	2 Whites
-01	Brown, Orange	2 Grays
-02	Orange, Yellow	2 Grays
-03	Brown, Yellow	2 Grays
-04	Red, Blue	2 Whites
-05	Black, Blue	2 Whites
Three Wire	Phase Colors	Neutrals
-00	Black, Red, Blue	3 Whites
-01	Brown, Orange, Yellow	3 Grays
Four Wire	Phase Colors	Neutrals
-00	2 Blacks, 2 Red	4 Whites
Six Wire	Phase Colors	Neutrals
-00	2 Blacks, 2 Blues, 2 Reds	6 Whites