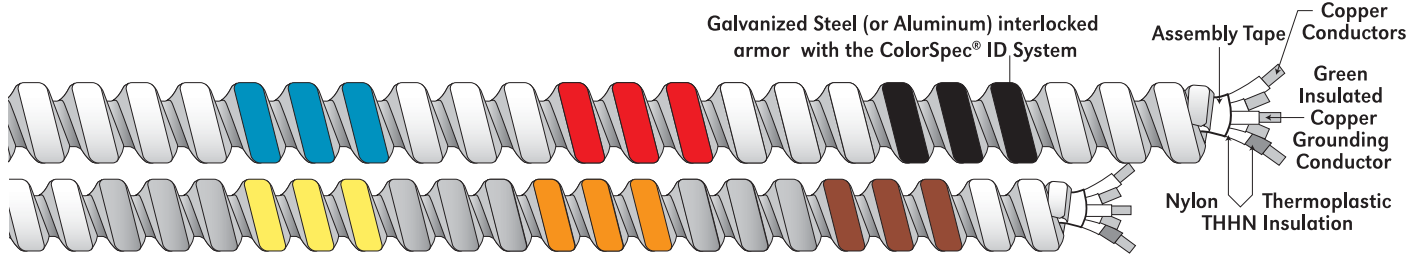


MC-Plus® Neutral per Phase Cable – Type MC (Steel or Aluminum) (120/208V & 480Y/277V) Technical Specifications



Specification Description

Specification	MC-Plus® with ColorSpec ID System®
Armor	Type MC with either galvanized steel or aluminum Interlocking strip (availability below), color-coded white armor
Conductors	Solid/Stranded Copper
Conductor Insulation	THHN/THWN
Assembly Covering	Polypropylene Tape
Maximum Temp. Rating	90°C (dry)
Grounding	One grounding means – Insulated Green Copper Grounding Conductor
Neutral Conductor	White 120/208V Grey 480Y/277V (see chart for id markings)

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, R-14141
- 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 Codes, Trade Sizes, Conductors, Packaging & Weights

Product Code		Phase Conductor AWG	Neutral Conductor AWG	Grounding Conductor AWG	Approx. Weight/1000 Feet (lbs.)	Armor Nom. O.D. (inches)
250' Coil	1000' Reel					
MC-Plus (Steel)						
Solid 120/208V Colors						
3904-42-00	3904-60-00	12-2 (a)	12-2 (f)	12-1 (k)	233	0.586
3905-42-00	3905-60-00	12-3 (b)	12-3 (g)	12-1 (k)	306	0.620
3906-42-00	3906-60-00	12-4 (c)	12-4 (h)	12-1 (k)	380	0.698
3907-42-00	3907-60-00	10-2 (a)	10-2 (f)	10-1 (k)	326	0.667
3908-42-00	3908-60-00	10-3 (b)	10-3 (g)	10-1 (k)	433	0.710
MC-Plus (Steel)						
Solid 480Y/277V Colors						
3904-42-01	3904-60-01	12-2 (d)	12-2(i)	12-1(k)	233	0.586
3905-42-01	3905-60-01	12-3 (e)	12-3(j)	12-1(k)	306	0.620
3908-42-01	3908-60-01	10-3 (e)	10-3(j)	10-1(k)	433	0.710
MC-Plus Lite (Aluminum)						
Stranded 120/208V Colors						
3658-42-00	3658-60-00	12-2 (a)	12-2(f)	12-1 (k)	169	0.613
3659-42-00	3659-60-00	12-3 (b)	12-3(g)	12-1 (k)	241	0.650

NOTE: All dimensions and weights are subject to normal manufacturing tolerances.
* Aluminum available by special order and subject to lead times and minimum quantities.

Conductor Color Key;

- (a) black, red
- (b) black, red, blue
- (c) black "(1)", black "(2)", red "(1)", red "(2)"
- (d) brown, orange
- (e) brown, orange, yellow
- (f) white with "black" text, white with "red" text
- (g) white with "black" text, white with "red" text, white with "blue" text
- (h) white with "black (1)" text, white with "black (2)" text, white with "red (1)" text, & white with "red (2)" text
- (i) gray with "brown" text, gray with "orange" text
- (j) gray with "brown" text, gray with "orange" text, gray with "yellow" text
- (k) green

**For healthcare applications
See MC-Stat® Plus
see page 13.**