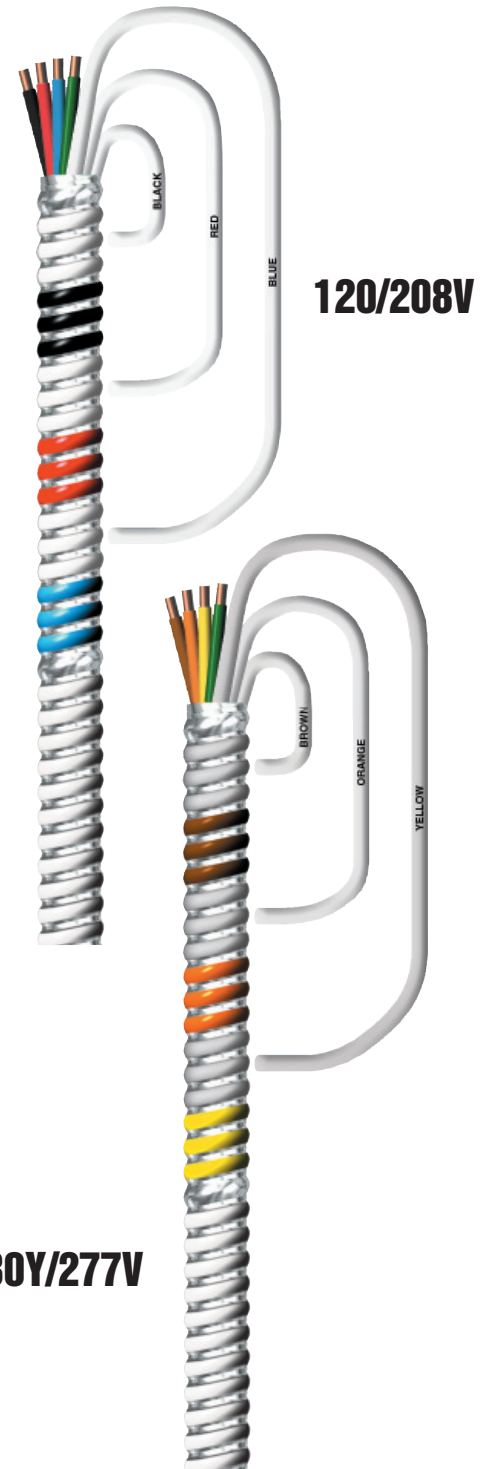


Kaf-Tech MC-Plus™ Neutral Per Phase MC Cable



TM
Kaf-Tech

- MC-Plus Neutral Per Phase Cable has individual neutrals identified to match each phase conductor.
- The Buildings' power can stay "ON" during maintenance to branch circuits, sustaining office productivity.
- A solution to NEC requirements 210.4(B) Multi-wire Branch Circuits: Disconnecting Means.
- Easy identification on the cable armor tells you cable type, neutral and phase/circuit conductor colors.
- Kaf-Tech's MC-Plus Cable is offered in both 120/208V and 480Y/277V multi-conductor cable designs.
- MC-Plus Neutral Per Phase Cable is another new Color-Trak® ID System cable from Kaf-Tech.



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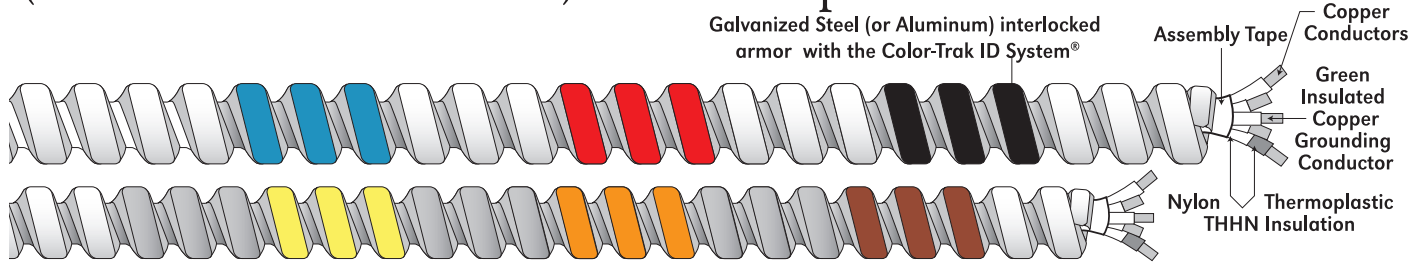
272 Duchaine Blvd., New Bedford, MA 02745

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tyco
Electrical &
Metal Products

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MC-Plus™ Metal Clad Cable (120/208V & 480Y/277V) Technical Specifications



Specification Description

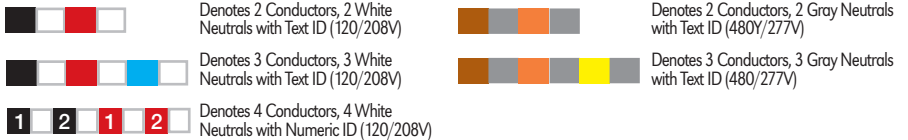
Specification	MC-Plus with Color-Trak ID System®
Armor	Type MC with either galvanized steel or aluminum Interlocking strip (availability below), color-coded white armor
Conductors	Solid/Stranded Copper
Conductor Insulation	THHN/THWN
Assembly Covering	Polypropylene Tape
Maximum Temp. Rating	90°C (dry)
Grounding	One grounding means - Insulated Green Copper Grounding Conductor
Neutral Conductor	120/208V white neutral 480Y/277V gray neutral (see chart for id markings)
Maximum Voltage Rating	600V

References & Ratings

- U.L. 83, 1479, 1569, 1581, 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
- U.L. Classified 1, 2 and 3-hour Through Penetration Fire Stop Systems
- Environmental Air-Handling Space installation NEC 300.22(C)



Kaf-Tech's Color-Trak ID System®



MC-Plus 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

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



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