MC-PLUS® LITE

Neutral Per Phase Cable Brochure

Atkore™
Kaf-Tech

DESCRIPTION

- Interlocked Aluminum Strip
- Solid or Stranded Copper
- THHN/THWN Conductor Insulation
- Polypropylene Tape Assembly Covering
- One Grounding Means – Insulated Green Grounding Conductor (additional grounding conductors optional)
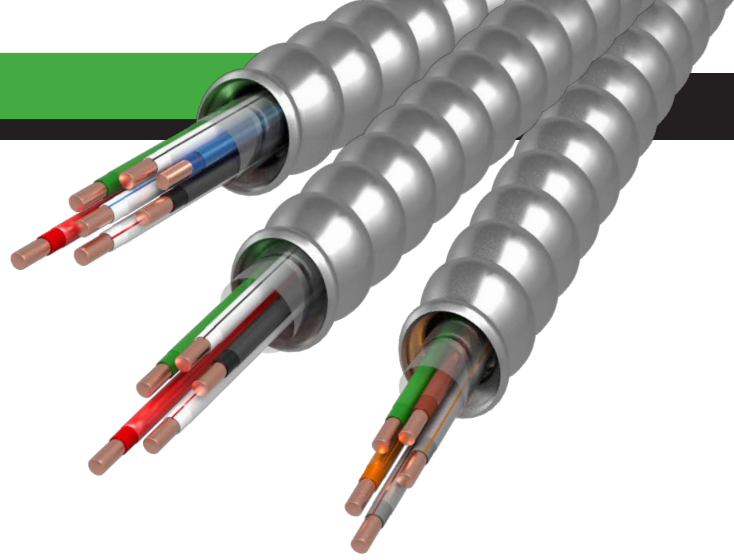
VOLTAGE

- 600 volt

TEMPERATURE RATING

- 90°C Dry

REFERENCE & RATING

- 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 (Plenum) Installation per NEC® 300.22(C)
- RoHS Compliant

FEATURES & BENEFITS

- A neutral per phase Type MC cable designed for multi-wire branch circuit applications
- Addresses harmonic distortions in power distribution systems
- Eliminates shared neutrals
- Decreases the time it takes to identify a faulty circuit because only the affected single phase breaker will trip thus, reducing the length of unnecessary outages
- Type MC cable with a green insulated copper grounding conductor
- Made in USA of US and/or imported materials

APPLICATIONS

- Branch circuit wiring for a variety of power distribution systems from lighting, to devices and receptacles
- Branch circuit to computers and other electronic equipment where additive harmonics currents from nonlinear switching loads may be present
- Permitted use in dry locations and embedded in plaster finish on brick or other masonry except in damp or wet locations

Barrel and Gaylord packaging options available upon request

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MC-Plus® Lite Neutral Per Phase Cable

MC-PLUS® LITE SOLID CONDUCTOR

Product Code		Phase Conductor	Neutral Conductor	Grounding Conductor	Approx. Weight/ 1000ft	Approx. Armor O.D
250' Coil	1000' Reel	AWG	AWG	AWG	(lbs)	(in)
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 (Orange, Yellow)	12-2 (Gray w/Orange Stripe, Gray w/Yellow Stripe)	12-1 (Green)	162	0.586
3604-42-703*	3604-60-703*	12-2 (Brown, Yellow)	12-2 (Gray w/Brown Stripe, Gray w/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 w/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, Black 2, Red 1, Red 2, Blue 1, Blue 2)	10-6 (White w/ Black 1 Stripe, White w/ Black 2 Stripe, White w/ Red 1 Stripe, White w/ Red 2 Stripe, White w/ Blue 1 Stripe, White w/ Blue 2 Stripe)	10-1 (Green)	598	0.979

Note: All dimensions and weights are subject to normal manufacturing tolerances.
* Non-stock items require lead time and minimum quantity order.
Note: "44" Put-up code is for 250' Reels only.

MC-PLUS® LITE STRANDED CONDUCTOR

Product Code		Phase Conductor	Neutral Conductor	Grounding Conductor	Approx. Weight/ 1000ft	Approx. Armor O.D
250' Coil	1000' Reel	AWG	AWG	AWG	(lbs)	(in)
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 w/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 Stripe, 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.
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Allied Tube & Conduit ⌃ AFC Cable Systems ⌃ Heritage Plastics ⌃ Unistrut

Unistrut Construction ⌃ Cope ⌃ US Tray ⌃ Calbrite ⌃ Calbond ⌃ Kaf-Tech

Columbia-MBF ⌃ Eastern Wire + Conduit ⌃ ACS/Uni-Fab ⌃ Cii

Power-Strut ⌃ Calconduit ⌃ Razor Ribbon ⌃ Calpipe Security

Vergokan ⌃ Flexicon ⌃ Marco

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