



MC Lite[®] Metal Clad Cable

Aluminum Interlocking Armor featuring ColorSpec[®]

Features & Benefits

Aluminum armor with Phase/Circuit Stripes

UL Classified Through-Penetrating product for use in Through-Penetrating fire stop systems

MC Lite is a traditional Type MC cable containing one or more copper grounding conductors; the armor is not an equipment grounding means

Aluminum armored cables are RoHS Compliant

Made in USA of US and/or imported materials

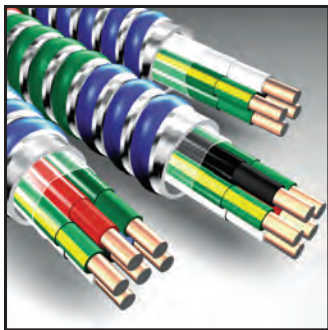
Applications

Commercial, industrial, multi-residential branch circuits and feeder wiring, services for power, lighting, control and signal circuits. Exposed or concealed, fished, surface mounted, embedded in plaster, environmental air-handling spaces, open or messenger supported aerial runs, dry locations, in hazardous locations to Class I & II Div. 2 and Class III, Div. 1 & 2 (per NEC[®] Articles 501, 502, 503, 530), and in Places of Assembly

Product Specification

Refer to page:

MC Lite [®] Metal Clad Aluminum Cable (120/208V and 480Y/277V conductor colors, no stripes)	21
MC Lite [®] Metal Clad Aluminum Cable (120/208V colors)	22
MC Lite [®] Metal Clad Aluminum Cable (480Y/277V colors)	23



MC TUFF[®] IG & MC Lite[®] IG – Isolated Ground Cable

MC Tuff[®] Lightweight Blue Interlocking Steel Armored Isolated Ground Cable

MC Lite[®] Interlocking Silver Aluminum Armored Isolated Ground Cable

Aluminum Armored Cables are RoHS Compliant

Features & Benefits

Ideal where isolated or dedicated grounding is required

High strength, lightweight steel or aluminum armor

Features 2 green grounds, 1 solid green, 1 with yellow stripe

Blue or silver armor with additional green stripe for easy identification

UL Classified Through-Penetrating product for use in Through-Penetrating fire stop systems

MC Tuff IG & MC Lite IG are traditional Type MC cables; the armor is not an equipment grounding means.

Aluminum armored cables are RoHS Compliant

Made in USA of US and/or imported materials

Applications

Commercial, industrial, multi-residential branch circuits and feeder wiring approved for MC cable requiring isolated, redundant or dedicated grounding conductors, services for power, lighting, control and signal circuits, exposed or concealed, fished, surface mounted, embedded in plaster, environmental air-handling spaces, open or messenger supported aerial runs, dry locations, in hazardous locations to Class I & II Div. 2 and Class III, Div. 1 & 2 (per NEC[®] Articles 501, 502, 503, 530), and in Places of Assembly

Product Specifications

Refer to page:

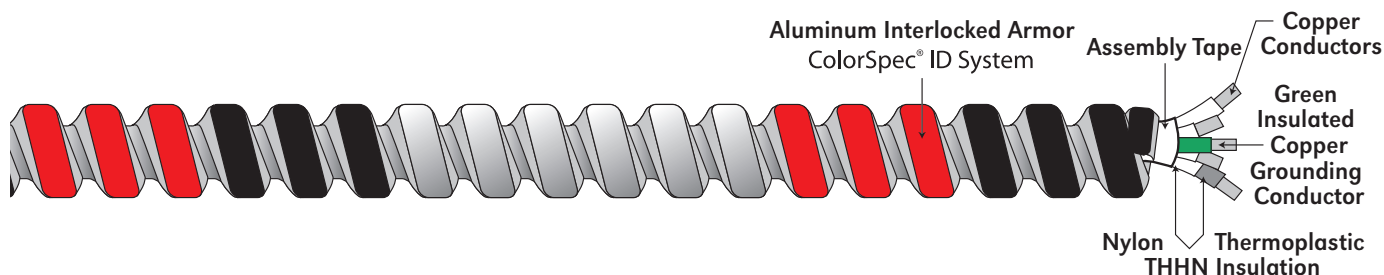
MCTUFF [®] IG Isolated Ground Lightweight Steel Metal Clad Cable	24
MC Lite [®] IG Metal Clad Aluminum Cable (120/208V colors)	25

* U.S. Patent #38,345 (reissue), 6,825,418 (Phase ID)



MC Lite[®] Aluminum Armored Cable

Traditional Type MC (120/208V) Technical Specifications



Specification Description

Specification	MC Lite [®] ColorSpec [®] ID System
Armor	Interlocking Aluminum Strip
Conductors	Solid/Stranded Copper
Conductor Insulation	THHN/THWN
Assembly Covering	Polypropylene Tape
Maximum Temperature Rating	90°C (dry)
Grounding	One grounding means - Insulated Green Grounding Conductor
Neutral Conductor	White 120/208V
Maximum Voltage Rating	600V

References & Ratings

- UL 83, 1479, 1569, 1581, 2556, File Reference E80042
- NEC[®] 230.43, 300.22(C), 392, 396, 330, 501, 502, 503, 530, 504, 505, 518, 520, 530, 645
- Federal Specification A-A-59544 (formerly J-C-30B)
- Meets all applicable OSHA and HUD Requirements
- May be surface mounted, fished and/or embedded in plaster
- Cable tray rated, install per NEC[®]
- 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

Product Codes, Trade Sizes, Conductors, Packaging & Weights

Product Code		Trade Size	Grounding Conductor AWG	Length (feet)		Approx. Weight/1000 Feet (lbs.)	Armor Minimum O.D. (inches)
Coil	Reel			Coil	Reel		
2101S42-00	2101S60-00	14-2 Solid (black, white)	14 (solid green)	250'	1000'	80	0.470
2102S42-00	2102S60-00	14-3 Solid (black, red, white)	14 (solid green)	250'	1000'	100	0.480
2103S42-00	2103S60-00	14-4 Solid (black, red, blue, white)	14 (solid green)	250'	1000'	120	0.510
2104S42-00	2104S60-00	12-2 Solid (black, white)	12 (solid green)	250'	1000'	110	0.495
2105S42-00	2105S60-00	12-3 Solid (black, red, white)	12 (solid green)	250'	1000'	135	0.530
2106S42-00	2106S60-00	12-4 Solid (black, red, blue, white)	12 (solid green)	250'	1000'	170	0.565
Special 120/208V Colors							
2104S42-04	2104S60-04	12-2 Solid (red, white)	12 (solid green)	250'	1000'	110	0.495
2104S42-05	2104S60-05	12-2 Solid (blue, white)	12 (solid green)	250'	1000'	110	0.495
2105S42-04	2105S60-04	12-3 Solid (red, blue, white)	12 (solid green)	250'	1000'	135	0.530
2105S42-05	2105S60-05	12-3 Solid (black, blue, white)	12 (solid green)	250'	1000'	135	0.530
Stranded Conductor							
2158S42-00	2158S60-00	12-2 Stranded (black, white)	12 (stranded green)	250'	1000'	110	0.495
2159S42-00	2159S60-00	12-3 Stranded (black, red, white)	12 (stranded green)	250'	1000'	135	0.530
2160S42-00	2160S60-00	12-4 Stranded (black, red, blue, white)	12 (stranded green)	250'	1000'	170	0.565

MC Lite[®] is also available in 10 AWG and larger, see page 21.

NOTE: All dimensions and weights are subject to normal manufacturing tolerances. Other conductor colors available by special order.