

Armored Cables

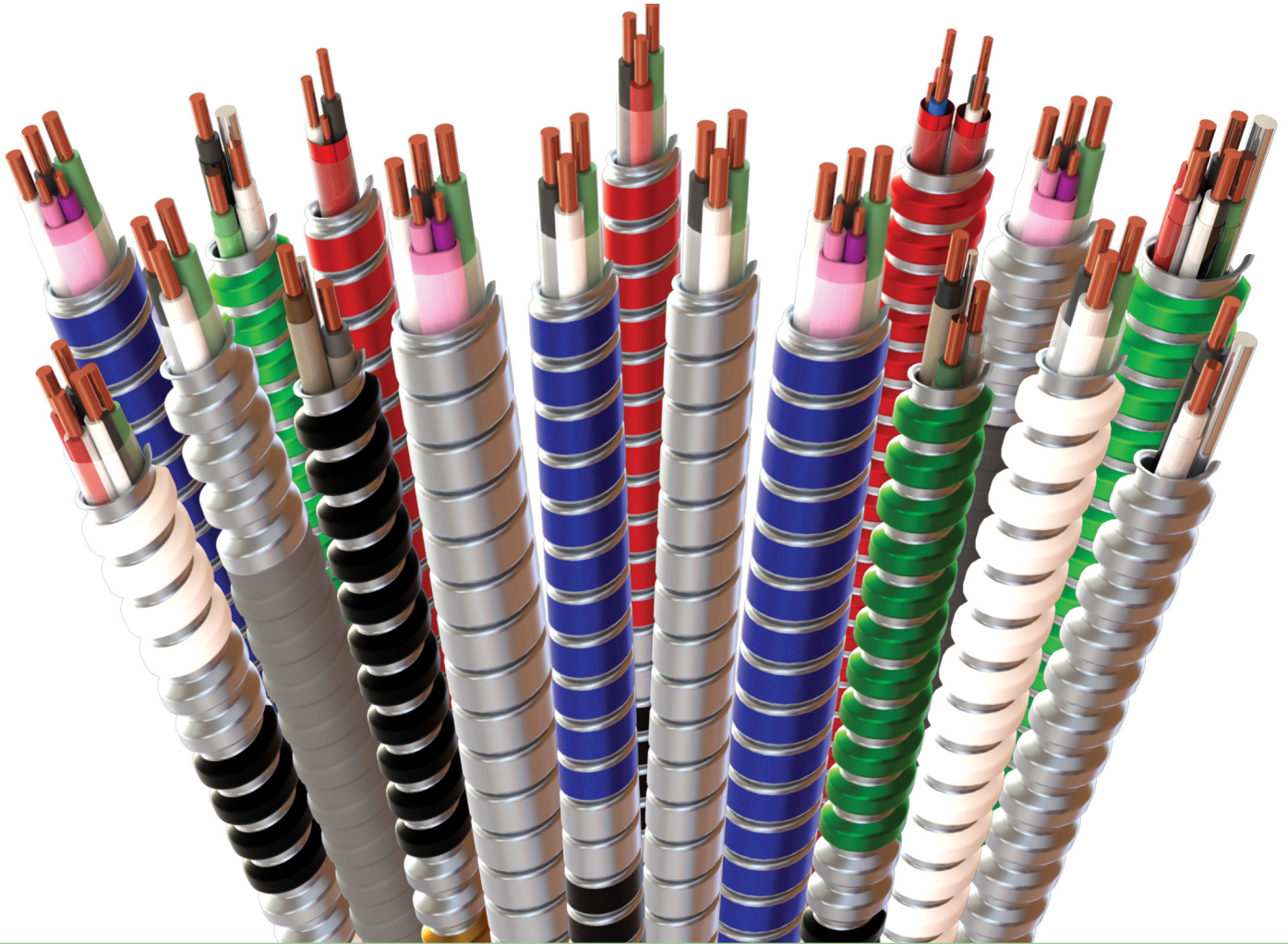


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Overview of Manufacturing Procedure

Products are manufactured in accordance with UL, LLC (Underwriters Laboratories) Standards:

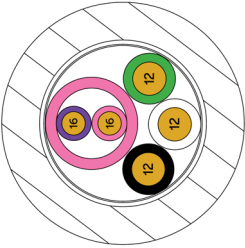
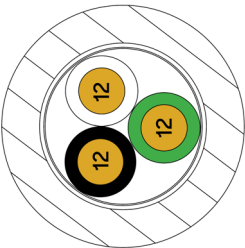
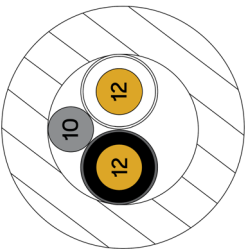
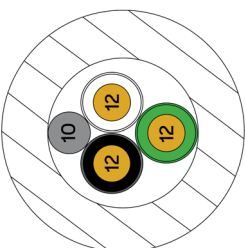
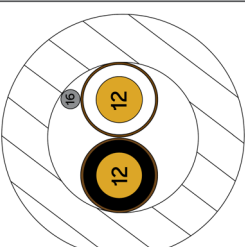
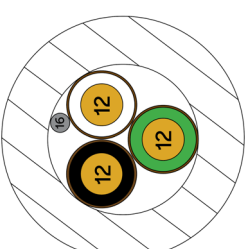
Type MC Metal-Clad Cables are manufactured in accordance with UL 1569 Metal-Clad Cables under UL File Number E80042 for use in accordance with NEC® Article 330.

Type AC Armored Cables are manufactured in accordance with UL 4 Armored Cables under UL File Number E7330 for use in accordance with NEC® Article 320.

AtkoreTM
**AFC Cable
Systems**

AtkoreTM
Kaf-Tech

Comparison Chart - Type MC vs. Type AC

	Type MC Cable					Type AC Cable	
Product Family	MC Tuff Luminary® & MC Lite Luminary®	MC Tuff® & MC Lite®	MC-Quik™ & MC-Quik Lite™	MC-Stat™ & MC-Stat Lite™	AC-90° & AC Lite®	HCF-90° & HCF-Lite®	
Maximum Number of Conductors	No Limit	No Limit	No Limit	No Limit	No Limit	No Limit	
Size of Copper Conductors	18 AWG to 10 AWG with 16 AWG Control Circuits	18 AWG to 2,000 kcmil	14 AWG to 6 AWG	14 AWG to 6 AWG	14 AWG to 1 AWG	14 AWG to 1 AWG	
Grounding	Insulated equipment grounding conductor.	Insulated equipment grounding conductor.	Full sized bare aluminum bond/ground conductor and armor combination.	Full sized bare aluminum bond/ground conductor and armor combination. An insulated equipment grounding conductor.	16 AWG bare aluminum bond wire and armor combination. An insulated equipment grounding conductor.	16 AWG bare aluminum bond wire and armor combination. An insulated equipment grounding conductor.	
Conductor Wrapping	Conductors have an overall polypropylene assembly tape with twisted jacketed pair.	Conductors have an overall polypropylene assembly tape.	Individual conductors have an extruded protective covering. No overall assembly tape.	Individual conductors have an extruded protective covering. No overall assembly tape.	Individual conductors are wrapped in moisture resistant, fire retardant paper	Individual conductors are wrapped in moisture resistant, fire retardant paper	
Tested to UL Standard	UL 1569	UL 1569	UL 1569	UL 1569	UL 4	UL 4	
12 - 2 Examples							

ColorSpec ID System / Color-Trak ID System

Phase ID Chart			
	4 Conductors with ground	<div>Three Phase - Black, Red, Blue</div>	<div>Three Phase - Brown, Orange, Yellow</div>
	3 Conductors with ground	<div>Two Phase - Black, Red</div>	<div>Two Phase - Brown, Orange</div>
	2 Conductors with ground	<div>Single Phase - Black</div>	<div>Single Phase - Brown</div>
	2 Conductors with armor/bond ground & green ground	<div>Single Phase - Black</div>	<div>Single Phase - Brown</div>
MC Glide Tuff 120/280V		MC Glide Tuff 277/480V	
MC -Stat 120/280V		MC -Stat 277/480V	

AC Introduction and Application

The uses permitted for AC Cables are governed by NEC® Article 320 and any applicable local codes. Please refer to NEC® Article 320 and your local authority having jurisdiction for additional information. The following is pulled from NFPA 70 NEC® 2023 Edition.

320.10 Uses Permitted

Type AC cable shall be permitted as follows:

- (1) For feeders and branch circuits in both exposed and concealed installations
- (2) In cable trays
- (3) In dry locations
- (4) Embedded in plaster finish on brick or other masonry, except in damp or wet locations
- (5) To be run or fished in the air voids of masonry block or tile walls where such walls are not exposed or subject to excessive moisture or dampness

Informational Note: The “Uses Permitted” is not an all-inclusive list.

320.12 Uses Not Permitted

Type AC cable shall not be used as follows:

- (1) Where subject to physical damage
- (2) In damp or wet locations
- (3) In air voids of masonry block or tile walls where such walls are exposed or subject to excessive moisture or dampness
- (4) Where exposed to corrosive conditions
- (5) Embedded in plaster finish on brick or other masonry in damp or wet locations



Scan here for more information about the proper use and application

Type AC Cables from Atkore, were the first cable assemblies manufactured when the company was founded in 1926. These cable products were used for residential wiring from the late 19th century till the 2nd World War. Much later, Type AC Cable became a commercial wiring method. Type AC Cable is the foundation of all interlocked armored cable assemblies we have today.

Atkore manufactures two varieties of armored (Type AC) cables, standard AC cable and HCF, Health Care Facilities Cable, both featuring the ColorSpec®/ Color-Trak ID System. This unique color code process shows the number of phase conductors within the cable and differentiates between 120/208 and 277/480 conductor colors on the exterior of the armor.

AC Cable:

These versatile 600V cables with THHN conductors have some construction limitations due to the inception and design of UL Standard 4 over 100 years ago. The UL Standard allows for 2, 3, or 4 conductors, from 14AWG to 1AWG, individually paper-wrapped and twisted under an interlocked metal armor of galvanized steel or aluminum.

A 16 AWG aluminum bonding wire is also inside of, and in physical contact with, the metal armor providing a low-impedance fault-return path required for the operation of overcurrent protection devices. The 16 AWG bonding wire is unique to Type AC cable and allows the outer metal armor in conjunction with the bonding wire to be used as the equipment ground. It is important to note that the bare bond wire is not an equipment grounding conductor. It is the bond wire that, in combination with the interlocked metal armor, provides a low impedance equipment grounding path.

Atkore color codes its standard AC-90® cable Black for easy identification.

HCF Health Care Facilities Cable:

HCF cables are a derivative of Type AC Cable. HCF cables are designed and manufactured around UL 4, Type AC. HCF cables were introduced in the 1980's to support NEC Article 517 on Healthcare Facilities in “areas of patient care”.

AC Introduction and Application

HCF Health Care Facilities Cable:

HCF cables are a derivative of Type AC Cable. HCF cables are designed and manufactured around UL 4, Type AC. HCF cables were introduced in the 1980's to support NEC Article 517 on Healthcare Facilities in "areas of patient care".

HCF is constructed in the same manner as standard AC cable with the addition of an insulated green grounding conductor. This additional ground allows HCF to be used in patient care areas of health care facilities (other than hazardous locations or emergency circuits in a health care setting) including hospitals, nursing homes, dental offices, and medical centers per NEC® 517.13. The bond wire/armor combination provides the cable's equipment ground while the insulated green grounding conductor provides a redundant or isolated ground.

This branch circuit cable, offered in 12 or 10 AWG THHN in 2, 3, or 4 conductors, was one of the original ColorSpec® ID cables. The green interlocked armor became the recognized standard for healthcare facilities' cables where redundant grounding is required. Following its introduction, HCF cables are the only interlocked healthcare armored cable designs allowed by the NEC for "areas of patient care" for close to 30 years.

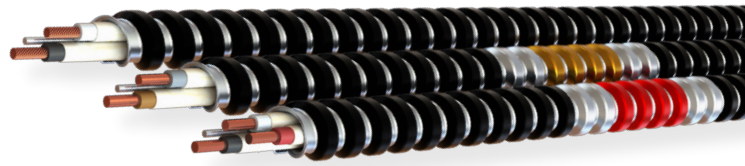
Type AC cable should be cut with an armored cable rotary cutting tool. Rotary cutters help eliminate nicking and cutting of the conductors and removes the metal armor quickly and safely.



Type AC - Features & Benefits

AC-90®

Type AC - Interlocked Galvanized Steel Armor



Features & Benefits

- Cable System. Technically equivalent and economically superior to traditional raceway and wire installations.
- ColorSpec® ID/Color-Trak ID System. Black galvanized steel armor with phase ID painted directly onto the armor for added identification without the added step of opening the panel to determine circuit type.
- Grounding. Armor in conjunction with the 16AWG aluminum ground/bonding conductor serves as equipment ground fault path.
- Made in USA of US and/or imported materials

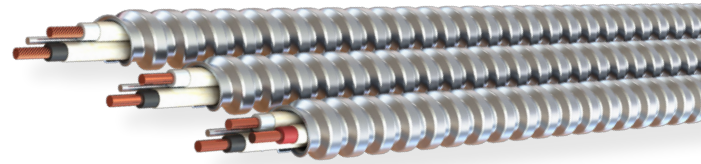
Applications

- Commercial, industrial, multi-residential branch circuits and feeder wiring-services for power, lighting, control and signal circuits.
- Can be Exposed or concealed, surface mounted, embedded in plaster finish on brick or other masonry (except wet or damp locations), fished or run in air voids of masonry block or tile walls, under raised floors, above suspended ceilings and in other environmental air-handling spaces

Refer to Page 10

AC-Lite®

Type AC - Interlocked Aluminum Armor



Features & Benefits

- Cable System. Technically equivalent and economically superior to traditional raceway and wire installations.
- Grounding. Armor in conjunction with the 16AWG aluminum ground/bonding conductor serves as equipment ground fault path.
- RoHS Compliant. Aluminum armored cables are RoHS compliant
- Buy American. Aluminum armored cables are Buy American 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.
- Can be Exposed or concealed, surface mounted, embedded in plaster finish on brick or other masonry (except wet or damp locations), fished or run in air voids of masonry block or tile walls, under raised floors, above suspended ceilings and in other environmental air-handling spaces

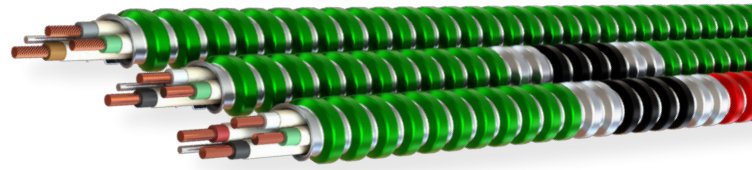
Refer to Page 11

Type AC - Features & Benefits

HCF-90®

Type AC - Interlocked Galvanized Steel Armor

Health Care Facilities Armored Cable



Features & Benefits

- Cable System. Technically equivalent and economically superior to traditional raceway and wire installations.
- ColorSpec® ID/Color-Trak ID System. Green galvanized steel armor with phase ID painted directly onto the armor for added identification without the added step of opening up the panel to determine circuit type.
- Grounding. Two grounding means - (1) Armor in conjunction with 16 AWG aluminum bond wire; (2) Green insulated copper grounding conductor.
- Made in USA of US and/or imported materials

Applications

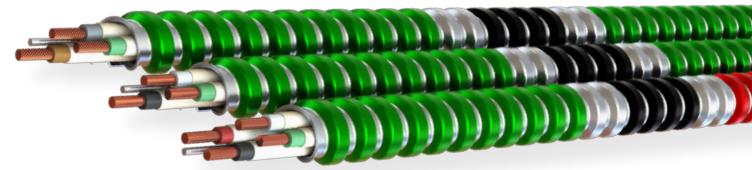
- Branch circuits and feeder wiring services in areas of patient care in hospitals, nursing homes, outpatient facilities, dental offices, clinics, and medical centers (other than hazardous anesthetizing locations).
- Can be exposed or concealed, surface mounted, embedded in plaster finish on brick or other masonry (except wet or damp locations), fished or run in air voids of masonry block or tile walls, under raised floors, above suspended ceilings and in other environmental air-handling spaces or any application approved for AC cable requiring an isolated or redundant ground

Refer to Page 12

HCF-Lite®

Type AC - Interlocked Aluminum Armor

Health Care Facilities Armored Cable



Features & Benefits

- Cable System. Technically equivalent and economically superior to traditional raceway and wire installations.
- ColorSpec® ID/Color-Trak ID System. Green aluminum armor with phase ID painted directly onto the armor for added identification without the added step of opening up the panel to determine circuit type.
- Grounding. Two grounding means - (1) Armor in conjunction with 16 AWG aluminum bond wire; (2) Green insulated copper grounding conductor.
- RoHS Compliant. Aluminum armored cables are RoHS compliant
- Made in USA of US and/or imported materials

Applications

- Branch circuits and feeders in areas of patient care in hospitals, nursing homes, outpatient facilities, dental offices, clinics, and medical centers (other than hazardous anesthetizing locations).
- Can be Exposed or concealed, surface mounted, embedded in plaster finish on brick or other masonry (except wet or damp locations), fished or run in air voids of masonry block or tile walls, under raised floors, above suspended ceilings and in other environmental air-handling spaces or any application approved for AC cable requiring an isolated or redundant ground

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Interlocked Galvanized Steel Armor

Armor

- Interlocked Galvanized Steel Strip Color-Coded Black with ColorSpec® ID/ColorTrak® ID

Conductors

- Solid or Stranded Copper

Conductor Insulation

- THHN w/ Moisture Resistant Fire Retardant Paper Wrap

Neutral Conductor

- White 120/208V
- Gray 277/480V

Grounding

- Combined Armor and 16AWG Aluminum Ground / Bond Wire

Maximum Voltage Rating

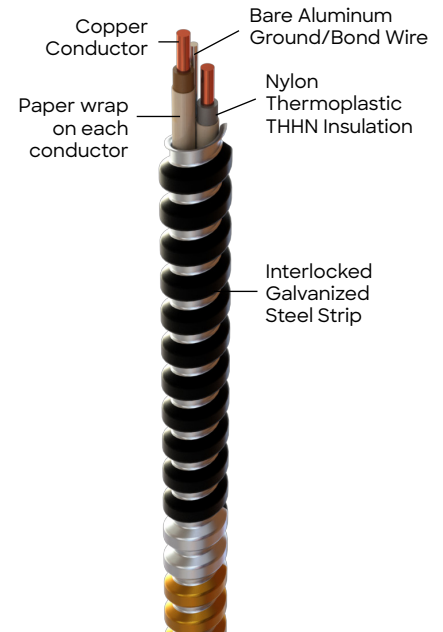
- 600V

Maximum Temperature Rating

- 90°C (Dry) Type ACTHH

References & Ratings

- UL 4, 83, 1479, 1581, 2556, File Reference E7330
- NEC® 250.118(A)(8), 300.22(C), 392, 320, 645
- NEC® 300.22(C) Environmental Air Handling Spaces (Plenum)
- UL Classified 1, 2, and 3 hour through (Fire) penetration product, R14141
- Cable Tray Rated, install per NEC®
- Federal Specification A-A-59544 (formerly J-C-30B)
- Meets all applicable OSHA and HUD Requirements
- Made in USA of US and/or imported materials



Conductor				Product Code		Length		Approx. Weight	Approx. Armor O.D.
Trade Size	Phase Conductor AWG	Neutral Conductor AWG	Bare Alum. Ground/Bond Wire AWG	Coil	Reel	Coil (ft)	Reel (ft)	(lb/1000ft)	(in)
Solid Conductors									
14-2	14-1 Solid (Black)	14-1 Solid (White)	16-1 Solid	1401N42-00	1401N60-00*	250	1000	185	0.485
14-3	14-2 Solid (Black, Red)	14-1 Solid (White)	16-1 Solid	1402N42-00	1402N60-00*	250	1000	209	0.502
14-4	14-3 Solid (Black, Red, Blue)	14-1 Solid (White)	16-1 Solid	1403N42-00	1403N60-00*	250	1000	238	0.533
12-2	12-1 Solid (Black)	12-1 Solid (White)	16-1 Solid	1404N42-00	1404N60-00	250	1000	213	0.525
12-2	12-1 Solid (Brown)	12-1 Solid (Gray)	16-1 Solid	1404N42-01*	1404N60-01*	250	1000	213	0.525
12-3	12-2 Solid (Black, Red)	12-1 Solid (White)	16-1 Solid	1405N42-00	1405N60-00	250	1000	247	0.545
12-3	12-2 Solid (Brown, Orange)	12-1 Solid (Gray)	16-1 Solid	1405N42-01*	1405N60-01*	250	1000	247	0.545
12-4	12-3 Solid (Black, Red, Blue)	12-1 Solid (White)	16-1 Solid	1406N42-00	1406N60-00*	250	1000	291	0.581
12-4	12-3 Solid (Brown, Orange, Yellow)	12-1 Solid (Gray)	16-1 Solid	1406N42-01*	1406N60-01*	250	1000	291	0.581
10-2	10-1 Solid (Black)	10-1 Solid (White)	16-1 Solid	1407N32-00*	1407N60-00	125	1000	250	0.585
10-2	10-1 Solid (Black)	10-1 Solid (White)	16-1 Solid	1407N42-00		250	—	250	0.585
10-2	10-1 Solid (Brown)	10-1 Solid (Gray)	16-1 Solid	1407N42-01*	1407N60-01*	250	1000	250	0.585
10-3	10-2 Solid (Black, Red)	10-1 Solid (White)	16-1 Solid	1408N32-00	1408N60-00	125	1000	306	0.600
10-3	10-2 Solid (Black, Red)	10-1 Solid (White)	16-1 Solid	1408N42-00		250	—	306	0.600
10-4	10-3 Solid (Black, Red, Blue)	10-1 Solid (White)	16-1 Solid	1409N32-00*	1409N60-00*	125	1000	367	0.654
10-4	10-3 Solid (Black, Red, Blue)	10-1 Solid (White)	16-1 Solid	1409N42-00*		250	—	367	0.654

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

*Special Order, subject to lead times and minimum order quantities.

Interlocked Aluminum Armor - Type AC

Armor

- Interlocked Aluminum Strip^

Conductors

- Solid or Stranded Copper

Conductor Insulation

- THHN w/ Moisture Resistant Fire Retardant Paper Wrap

Neutral Conductor

- White 120/208V
- Gray 277/480V

Grounding

- Combined Armor and 16 AWG Aluminum Ground /Bond Wire

Maximum Voltage Rating

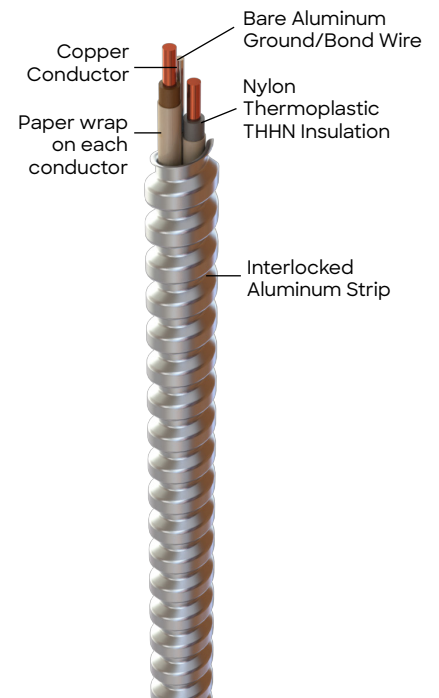
- 600V

Maximum Temperature Rating

- 90°C (Dry) Type ACTHH

References & Ratings

- UL 4, 83, 1479, 1581, 2556, File Reference E7330
- NEC® 250.118(A)(8), 300.22(C), 392, 320, 645
- NEC® 300.22(C) Environmental Air Handling Spaces (Plenum)
- UL Classified 1, 2, and 3 hour through (Fire) penetration product, R14141
- Cable Tray Rated, install per NEC®
- Federal Specification A-A-59544 (formerly J-C-30B)
- Meets all applicable OSHA and HUD Requirements
- Made in USA of US and/or imported materials
- Aluminum armored cables are RoHS compliant



Armored Cable (Type AC)

Conductor				Product Code		Length		Approx. Weight	Approx. Armor O.D.
Trade Size	Phase Conductor AWG	Neutral Conductor AWG	Bare Alum. Ground/Bond Wire. AWG	Coil	Reel	Coil (ft)	Reel (ft)	(lb/1000ft)	(in)
Solid Conductors									
14-2	14-1 Solid (Black)	14-1 Solid (White)	16-1 Solid	2701-42-00	2701-60-00*	250	1000	84	0.485
14-3	14-2 Solid (Black, Red)	14-1 Solid (White)	16-1 Solid	2702-42-00	2702-60-00*	250	1000	100	0.502
14-4	14-3 Solid (Black, Red, Blue)	14-1 Solid (White)	16-1 Solid	2703-42-00*	2703-60-00*	250	1000	120	0.533
12-2	12-1 Solid (Black)	12-1 Solid (White)	16-1 Solid	2704-42-00	2704-60-00	250	1000	104	0.525
12-3	12-2 Solid (Black, Red)	12-1 Solid (White)	16-1 Solid	2705-42-00	2705-60-00*	250	1000	133	0.545
12-4	12-3 Solid (Black, Red, Blue)	12-1 Solid (White)	16-1 Solid	2706-42-00*	2706-60-00*	250	1000	164	0.581
10-2	10-1 Solid (Black)	10-1 Solid (White)	16-1 Solid	2707-42-00	2707-60-00*	250	1000	143	0.585
10-3	10-2 Solid (Black, Red)	10-1 Solid (White)	16-1 Solid	2708-42-00	2708-60-00*	250	1000	187	0.61
10-4	10-3 Solid (Black, Red, Blue)	10-1 Solid (White)	16-1 Solid	2709-42-00*	2709-60-00*	250	1000	232	0.653
Stranded Conductors									
8-2	8-1 Stranded (Black)	8-1 Stranded (White)	16-1 Solid	2715-40-00*	2715-45-00	200	500	214	0.755
8-3	8-2 Stranded (Black, Red, Blue)	8-1 Stranded (White)	16-1 Solid	2716-40-00	2716-45-00	200	500	285	0.789
8-4	8-3 Stranded (Black, Red, Blue)	8-1 Stranded (White)	16-1 Solid	2717-32-00*	2717-45-00	125	500	386	0.848
6-2	6-1 Stranded (Black)	6-1 Stranded (White)	16-1 Solid	2719-32-00*	2719-45-00	125	500	317	0.827
6-3	6-2 Stranded (Black, Red)	6-1 Stranded (White)	16-1 Solid	2720-32-00	2720-45-00	125	500	420	0.866
6-4	6-3 Stranded (Black, Red, Blue)	6-1 Stranded (White)	16-1 Solid	2721-30-00*	2721-45-00	100	500	528	0.935
4-3	4-2 Stranded (Black, Red)	4-1 Stranded (White)	16-1 Solid	2724-30-00	2724-45-00	100	500	615	0.966
4-4	4-3 Stranded (Black, Red, Blue)	4-1 Stranded (White)	16-1 Solid	2725-30-00*	2725-45-00	100	500	785	1.053
3-3	3-2 Stranded (Black, Red)	3-1 Stranded (White)	16-1 Solid	2728-30-00*	2728-45-00	100	500	765	1.028
3-4	3-3 Stranded (Black, Red, Blue)	3-1 Stranded (White)	16-1 Solid	2729-30-00*	2729-45-00	100	500	983	1.122
2-3	2-2 Stranded (Black, Red)	2-1 Stranded (White)	16-1 Solid	2726-30-00*	2726-45-00	100	500	909	1.093
2-4	2-3 Stranded (Black, Red, Blue)	2-1 Stranded (White)	16-1 Solid	2727-30-00*	2727-45-00	100	500	1173	1.195

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

*Special Order, subject to lead times and minimum order quantities.

Interlocked Galvanized Steel Armor - Healthcare Facilities Armored Cable

Armored Cable (Type AC)

Armor

- Interlocked Galvanized Steel Strip Color-Coded Green with ColorSpec® ID/ColorTrak® ID

Conductors

- Solid Copper

Conductors Insulation

- THHN w/ Moisture Resistant Fire Retardant Paper Wrap

Neutral Conductor

- White 120/208V
- Gray 277/480V

Grounding

- Dual Grounding Means:
 - Combined Armor and 16AWG Aluminum Ground/Bond Wire
 - Insulated Green Copper Grounding Conductor

Maximum Temperature Rating

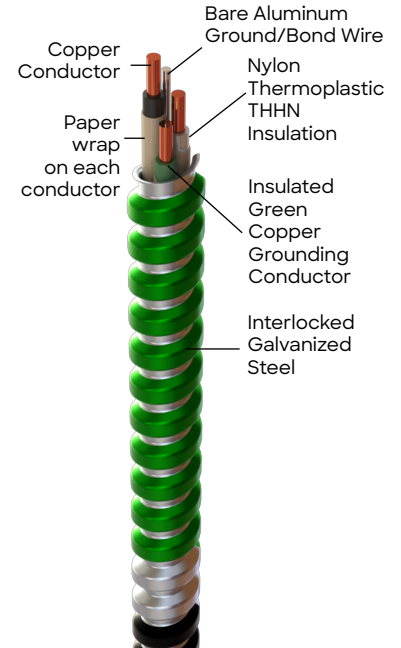
- 90°C (Dry) Type ACTHH

Maximum Voltage Rating

- 600V

References & Ratings

- UL 4, 83, 1479, 1581, 2556, File Reference E7330
- NEC® 250.118(A)(8), 300.22(C), 320, 392, 517.13, 518, 645
- NEC® 300.22(C) Environmental Air Handling Spaces (Plenum)
- UL Classified 1, 2, and 3 hour through (Fire) penetration product, R14141
- Cable Tray Rated, install per NEC®
- Federal Specification A-A-59544 (formerly J-C-30B)
- Meets all applicable OSHA and HUD Requirements
- Made in USA of US and/or imported materials



Conductor					Product Code		Approx. Weight	Approx. Armor O.D.
Trade Size	Phase Conductor AWG	Neutral Conductor AWG	Grounding Conductor AWG	Bare Alum. Ground/Bond Wire. AWG	Coil	Reel	(lb/1000ft)	(in)
12-2	12-1 Solid (Black)	12-1 Solid (White)	12-1 Solid (Green)	16-1 Solid	1504G42-00	1504G60-00	235	0.535
12-3	12-2 Solid (Black, Red)	12-1 Solid (White)	12-1 Solid (Green)	16-1 Solid	1505G42-00	1505G60-00	279	0.545
12-4	12-3 Solid (Black, Red, Blue)	12-1 Solid (White)	12-1 Solid (Green)	16-1 Solid	1506G42-00	1506G60-00	320	0.621
10-2	10-1 Solid (Black)	10-1 Solid (White)	10-1 Solid (Green)	16-1 Solid	1507G42-00	1507G60-00	309	0.61
10-3	10-2 Solid (Black, Red)	10-1 Solid (White)	10-1 Solid (Green)	16-1 Solid	1508G42-00	1508G60-00	383	0.654
10-4	10-3 Solid (Black, Red, Blue)	10-1 Solid (White)	10-1 Solid (Green)	16-1 Solid	1509G42-00*	1509G60-00	426	0.752

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

*Special Order, subject to lead times and minimum order quantities.

Interlocked Aluminum Armor - Healthcare Facilities Armored Cable

Armor

- Interlocked Aluminum Strip
- Color-Coded Green with ColorSpec® ID/ColorTrak® ID

Conductors

- Solid or Stranded Copper

Conductors Insulation

- THHN w/ Moisture Resistant, Fire Retardant Paper Wrap

Neutral Conductor

- White 120/208V
- Gray 277/ 480V

Grounding

- Dual Grounding Means:
 - Combined Armor and 16AWG Aluminum Ground/ Bond Wire
 - Insulated Green Copper Grounding Conductor

Maximum Temperature Rating

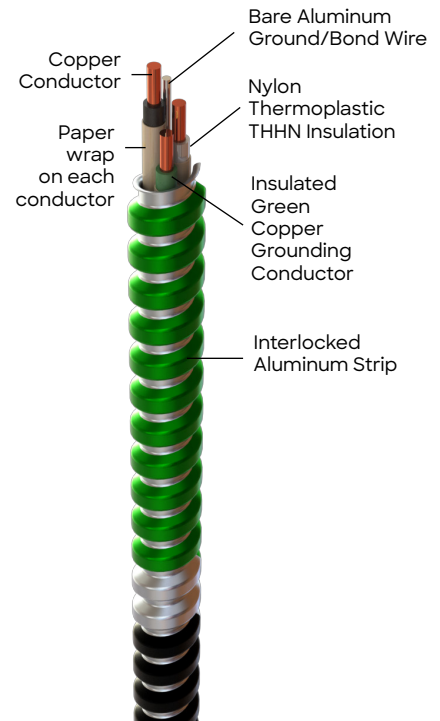
- 90°C (Dry) Type ACTHH

Maximum Voltage Rating

- 600V

References & Ratings

- UL 4, 83, 1479, 1581, 2556, File Reference E7330
- NEC® 250.118(A)(8), 300.22(C), 320, 392, 517.13, 518, 645
- NEC® 300.22(C) Environmental Air Handling Spaces (Plenum)
- UL Classified 1, 2, and 3 hour through (Fire) penetration product, R14141
- Cable Tray Rated, install per NEC®
- Federal Specification A-A-59544 (formerly J-C-30B)
- Meets all applicable OSHA and HUD Requirements
- Made in USA of US and/or imported materials
- Aluminum armored cables are RoHS compliant



Armored Cable (Type AC)

Conductor					Product Code		Approx. Weight	Approx. Armor O.D.
Trade Size	Phase Conductor AWG	Neutral Conductor AWG	Grounding Conductor AWG	Bare Alum. Ground / Bond Wire AWG	250' Coil	1000' Reel	(lb/1000ft)	(in)
Solid Conductors								
12-2	12-1 Solid (Black)	12-1 Solid (White)	12-1 Solid (Green)	16-1 Solid	2804G42-00	2804G60-00	134	0.545
12-2	12-1 Solid (Brown)	12-1 Solid (Gray)	12-1 Solid (Green)	16-1 Solid	2804G42-01	2804G60-01	134	0.545
12-2	12-1 Solid (Orange)	12-1 Solid (Gray)	12-1 Solid (Green)	16-1 Solid	2804G42-02*	2804G60-02*	134	0.545
12-2	12-1 Solid (Yellow)	12-1 Solid (Gray)	12-1 Solid (Green)	16-1 Solid	2804G42-03*	2804G60-03*	134	0.545
12-2	12-1 Solid (Red)	12-1 Solid (White)	12-1 Solid (Green)	16-1 Solid	2804G42-04	2804G60-04	134	0.545
12-2	12-1 Solid (Blue)	12-1 Solid (White)	12-1 Solid (Green)	16-1 Solid	2804G42-05	2804G60-05	134	0.545
12-3	12-2 Solid (Black, Red)	12-1 Solid (White)	12-1 Solid (Green)	16-1 Solid	2805G42-00	2805G60-00	164	0.581
12-3	12-2 Solid (Brown, Orange)	12-1 Solid (Gray)	12-1 Solid (Green)	16-1 Solid	2805G42-01*	2805G60-01*	164	0.581
12-4	12-3 Solid (Black, Red, Blue)	12-1 Solid (White)	12-1 Solid (Green)	16-1 Solid	2806G42-00	2806G60-00	195	0.621
12-4	12-3 Solid (Brown, Orange, Yellow)	12-1 Solid (Gray)	12-1 Solid (Green)	16-1 Solid	2806G42-01*	2806G60-01*	195	0.621
10-2	10-1 Solid (Black)	10-1 Solid (White)	10-1 Solid (Green)	16-1 Solid	2807G42-00	2807G60-00	185	0.599
10-2	10-1 Solid (Brown)	10-1 Solid (Gray)	10-1 Solid (Green)	16-1 Solid	2807G42-01*	2807G60-01*	185	0.599
10-3	10-2 Solid (Black, Red)	10-1 Solid (White)	10-1 Solid (Green)	16-1 Solid	2808G42-00	2808G60-00	232	0.654
10-4	10-3 Solid (Black, Red, Blue)	10-1 Solid (White)	10-1 Solid (Green)	16-1 Solid	2809G42-00	2809G60-00	279	0.752
Stranded Conductors								
12-2	12-1 Stranded (Black)	12-1 Stranded (White)	12-1 Stranded (Green)	16-1 Solid	2858G42-00	2858G60-00	141	0.568
12-2	12-1 Stranded (Brown)	12-1 Stranded (Gray)	12-1 Stranded (Green)	16-1 Solid	2858G42-01*	2858G60-01*	141	0.568
12-3	12-2 Stranded (Black, Red)	12-1 Stranded (White)	12-1 Stranded (Green)	16-1 Solid	2859G42-00	2859G60-00*	172	0.605
12-4	12-3 Stranded (Black, Red, Blue)	12-1 Stranded (White)	12-1 Stranded (Green)	16-1 Solid	2860G42-00*	2860G60-00*	211	0.631

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

*Special Order, subject to lead times and minimum order quantities.

MC Cables Introduction and Application

The uses permitted for MC Cables are governed by NEC® Article 330 and any applicable local codes. Please refer to NEC® Article 330 and your local authority having jurisdiction for additional information. The following is pulled from NFPA 70 NEC® 2023 Edition.

330.10 Uses Permitted

(A) General Uses. Type MC cable shall be permitted as follows

- (1) For services, feeders, and branch circuits.
- (2) For power, lighting, control, and signal circuits.
- (3) Indoors or outdoors.
- (4) Exposed or concealed.
- (5) To be direct buried where identified for such use.
- (6) In cable tray where identified for such use.
- (7) In any raceway.
- (8) As aerial cable on a messenger.
- (9) In hazardous (classified) locations where specifically permitted by other articles in this Code.
- (10) In dry locations and embedded in plaster finish on brick or other masonry except in damp or wet locations.
- (11) In damp or wet locations where a corrosion-resistant jacket is provided over the metallic covering and any of the following conditions are met:
 - a. The metallic covering is impervious to moisture.
 - b. A jacket resistant to moisture is provided under the metal covering.
 - c. The insulated conductors under the metallic covering are listed for use in wet locations.
- (12) Where single-conductor cables are used, all phase conductors and, where used, the grounded conductor shall be grouped together to minimize induced voltage on the sheath.

(B) Specific Uses. Type MC cable shall be permitted to be installed in compliance with Parts II and III of Article 725 and 770.133 as applicable and in accordance with 330.10(B)(1) through (B)(4).

- (1) Cable Tray.** Type MC cable installed in cable tray shall comply with 392.10, 392.12, 392.18, 392.20, 392.22, 392.30, 392.46, 392.56, 392.60(C), and 392.80.
- (2) Direct Buried.** Direct-buried cable shall comply with 300.5 or 305.15, as appropriate.
- (3) Installed as Service-Entrance Cable.** Type MC cable installed as service-entrance cable shall be permitted in accordance with 230.43.
- (4) Installed Outside of Buildings or Structures or as Aerial Cable.** Type MC cable installed outside of buildings or structures or as aerial cable shall comply with 225.10, 396.10, and 396.12.

330.12 Uses Not Permitted.

Type MC cable shall not be used under either of the following conditions:

- (1) Where subject to physical damage
- (2) Where exposed to any of the destructive corrosive conditions (a) or (b), unless the metallic sheath or armor is resistant to the conditions or is protected by material resistant to the conditions:
 - a. Direct buried in the earth or embedded in concrete unless identified for direct burial
 - b. Exposed to cinder fills, strong chlorides, caustic alkalis, or vapors of chlorine or of hydrochloric acids

Informational Note: The “Uses Permitted” is not an all-inclusive list.

MC Cables Introduction and Application

Introduced in 1960 and used today, Type MC was the next generation of an interlocked armored cable assembly. This traditional branch circuit MC meets UL Standard 1569 and NEC 330. Traditional Type MC cables consist of copper circuit and grounding conductors with thermoplastic insulation (THHN/THWN), an overall polypropylene assembly tape and an outer galvanized steel or aluminum interlocked metal armor. Type MC cable does not have a conductor count limit, offering various conductor bundle combinations. Type MC cables of traditional design will include one or more copper grounding conductors. The armor of traditional Type MC cables is not an approved equipment grounding means.

In 2004, UL updated 1569 to include Type MC cables with a ground fault path consisting of an armor and full-sized bare aluminum ground/bond wire, known as MCI-A cables (metal-clad interlocked armor ground cable). These cables are required to be terminated using connectors UL listed and identified for MCI-A cables per (UL 514-B). MC-Quik® and MC-Stat® cables are Type MC designed MCI-A cables. The grounding means of these Type MC cables is the armor plus the full-sized bare aluminum ground/bond wire. MC-Stat® also contains a full sized green insulated copper grounding conductor as required by NEC® 517 for areas of patient care. Unique to Atkore's MCI-A cables, MC-Quik® and MC-Stat® contain insulated copper circuit conductors with THHN insulation plus an extruded polypropylene protective covering versus an overall polypropylene wrap. It is available in either galvanized steel or aluminum interlocked armor.

In 2014, Atkore was the first to commercialize Metal Clad (MC) Cable with both power and control circuits under one armor, creating MC Luminary® Cable. UL created a new classification of MC Cables called MC-PCS (metal clad, power, control and signal). This new type of cable allows control/signal conductors to be placed in a cable with circuit conductors (electric light, power, or Class 1 circuits per NEC® Section 725.136(I)(1)). Since then, Atkore has expanded this family of products to cover additional application:

1. MC Luminary Quik, an MCI-A version for ease of installation with the remove of the insulated green grounding conductor
2. MC Luminary HCF®, an MCI-A HCF version for applications that include areas of patient care
3. MC Luminary MultiZone®, a complete line of multi-zone lighting cable configurations
4. MC Luminary Jacketed, a sunlight & oil resistant cable that can be direct- buried or trenched in earth, encased in concrete, or surface mounted.

MC Luminary Jacketed, a sunlight & oil resistant cable that can be direct- buried or trenched in earth, encased in concrete, or surface mounted.

In 2020, Atkore was the first to commercialize a Metal Clad (Type MC) Cable with a low-profile interlocked armor design, MC Glide. MC Glide's U.S. patented armor profile is designed to reduce fatigue on workers when pulling cable through metal studs and ceilings. Installing MC Glide is smoother, faster, and easier to work with, reducing the amount of time spent on a job.

All type MC cables by Atkore, display the ColorSpec® ID System /Color-Trak for fast cable and system voltage identification. Type MC cables should be cut with an armored cable rotary cutting tool which helps eliminate nicking and cutting of the conductors and removes the metal armor quickly and safely.

NEC® is a registered trademark of the National Electrical Code®.



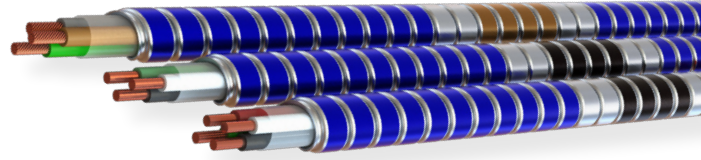
Scan here for more information about the proper use and application

Type MC – Features & Benefits

MC Glide Tuff™

Interlocked Lightweight Galvanized Steel Armor

U.S. Design Patent D935,731 | D996,374



Features & Benefits

- Cable System. Technically equivalent and economically superior to traditional raceway and wire installations.
- ColorSpec® ID/Color-Trak ID System. Lightweight blue galvanized steel armor with phase ID painted directly onto the armor for added identification without the added step of opening up the panel to determine circuit type.
- Easier Pulls. U.S. Patented armor profile is designed to reduce fatigue on your workers when pulling cable through metal studs and ceilings.
- Time Savings. From the first pull, installing MC Glide will be smoother, faster, and easier to work with.
- No need for new tools. Works with the same tools, fittings and supports as traditional MC Cables.
- Redundant Grounding. For applications requiring isolated, redundant, or dedicated grounding conductors. Isolated Ground (I.G.) configuration with 2 Green grounds, 1 solid green, 1 with yellow stripe available upon request.
- Made in USA of US and/or imported materials

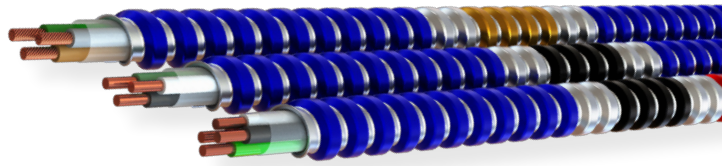
Applications

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

Refer to Page 36

Type MC – Features & Benefits

MC Tuff® & MC Tuff® IG – Isolated Ground Interlocked Lightweight Galvanized Steel Armor



Features & Benefits

- Cable System. Technically equivalent and economically superior to traditional raceway and wire installations.
- ColorSpec® ID/Color-Trak ID System. Lightweight blue galvanized steel armor with phase ID painted directly onto the armor for added identification without the added step of opening up the panel to determine circuit type.
- Handling. High strength, lightweight galvanized steel armor allows for easier storage & handling.
- Redundant Grounding. For applications requiring isolated, redundant, or dedicated grounding conductors. Isolated Ground (I.G.) configuration with 2 Green grounds, 1 solid green, 1 with yellow stripe available upon request.
- Connector. May be used with set-screw connectors UL listed for use with MC cable
- 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.
- Can be exposed or concealed, fished, surface mounted, embedded in plaster, environmental air-handling spaces, open or messenger supported aerial runs, dry locations, hazardous locations to Class I & II Div. 2 and Class III, Div. 1 & 2 (per NEC® Articles 501, 502, 503, 530), and Places of Assembly
- Also great for applications requiring superior EMI shielding

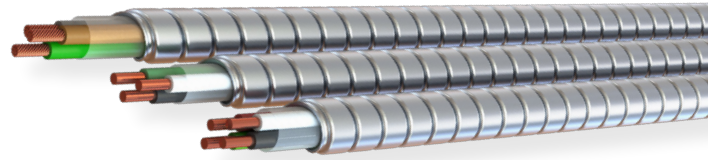
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Type MC – Features & Benefits

MC Glide Lite™

Interlocked Aluminum Armor

U.S. Design Patent D935,731 | D996,374



Features & Benefits

- Cable System. Technically equivalent and economically superior to traditional raceway and wire installations.
- Easier Pulls. U.S. Patented armor profile is designed to reduce fatigue on your workers when pulling cable through metal studs and ceilings.
- Time Savings. From the first pull, installing MC Glide will be smoother, faster, and easier to work with.
- No need for new tools. Works with the same tools, fittings and supports as traditional MC Cables.
- Redundant Grounding. For applications requiring isolated, redundant, or dedicated grounding conductors. Isolated Ground (I.G.) configuration with 2 Green grounds, 1 solid green, 1 with yellow stripe available upon request.
- RoHS Compliant. Aluminum armored cables are RoHS compliant
- Made in USA of US and/or imported materials

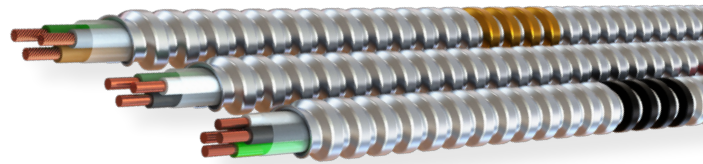
Applications

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

Refer to Page 40

Type MC – Features & Benefits

MC Lite® & MC Lite® IG - Isolated Ground Interlocked Galvanized Aluminum Armor



Features & Benefits

- Cable System. Technically equivalent and economically superior to traditional raceway and wire installations.
- ColorSpec® ID/Color-Trak ID System. Plain aluminum armor with phase ID painted directly onto the armor for added identification without the added step of opening up the panel to determine circuit type.*
- Redundant Grounding. For applications requiring isolated, redundant, or dedicated grounding conductors. Isolated Ground (I.G.) configuration with 2 Green grounds, 1 solid green, 1 with yellow stripe available upon request.
- RoHS Compliant. Aluminum armored cables are RoHS compliant
- Buy American. Aluminum armored cables are Buy American compliant
- Made in USA of US and/or imported materials

*No ColorSpec on Low Voltage BK WE GN 12-2, all 10 AWG and larger configurations.

Applications

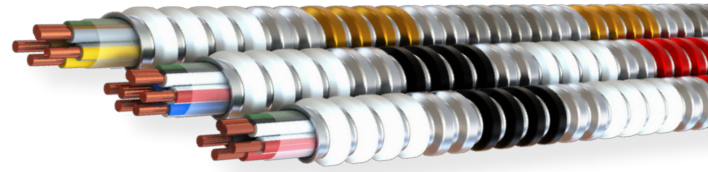
- Commercial, industrial, multi-residential branch circuits and feeder wiring-services for power, lighting, control and signal circuits.
- Can be exposed or concealed, fished, surface mounted, embedded in plaster, environmental air-handling spaces, open or messenger supported aerial runs, dry locations,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

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Type MC – Features & Benefits

MC-Plus®

Interlocked Galvanized Steel Armor



Features & Benefits

- Cable System. Technically equivalent and economically superior to traditional raceway and wire installations.
- Neutral Per Phase. Eliminates shared neutrals and addresses harmonic distortions in power distribution systems. Decreases the time it takes to identify a faulty circuit because only the affected single-phase breaker will trip thus, allowing the rest of the electrical systems to continue to operate and reducing the length of unnecessary outages.
- ColorSpec® ID/Color-Trak ID System. White steel armor with phase & neutral ID painted directly onto the armor for added identification without the added step of opening up the panel to determine circuit type.
- Redundant Grounding. For applications requiring isolated, redundant, or dedicated grounding conductors. Isolated Ground (I.G.) configuration with 2 Green grounds, 1 solid green, 1 with yellow stripe available upon request.
- Made in USA of US and/or imported materials

Applications

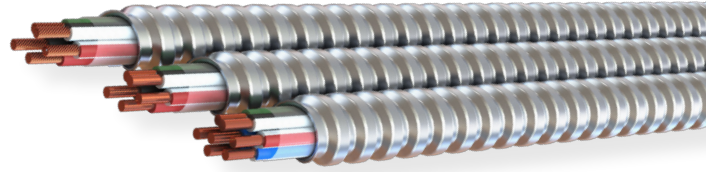
- Commercial, industrial, multi-residential branch circuits and feeder wiring-services for power, lighting, control and signal circuits.
- Branch circuit to computers and other electronic equipment where additive harmonic currents from non-linear switching loads may be present.
- Can be exposed or concealed, fished, surface mounted, embedded in plaster, environmental air-handling spaces, open or messenger supported aerial runs, dry locations, hazardous locations to Class I & II Div. 2 and Class III, Div. 1 & 2 (per NEC® Articles 501, 502, 503, 530), and Places of Assembly

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Type MC – Features & Benefits

MC-Plus Lite®

Interlocked Aluminum Armor



Features & Benefits

- Cable System. Technically equivalent and economically superior to traditional raceway and wire installations.
- Neutral Per Phase. Eliminates shared neutrals and addresses harmonic distortions in power distribution systems. Decreases the time it takes to identify a faulty circuit because only the affected single-phase breaker will trip thus, allowing the rest of the electrical systems to continue to operate and reducing the length of unnecessary outages.
- Redundant Grounding. For applications requiring isolated, redundant, or dedicated grounding conductors. Isolated Ground (I.G.) configuration with 2 Green grounds, 1 solid green, 1 with yellow stripe available upon request.
- RoHS Compliant. Aluminum armored cables are RoHS compliant
- Buy American. Aluminum armored cables are Buy American compliant
- Made in USA of US and/or imported materials

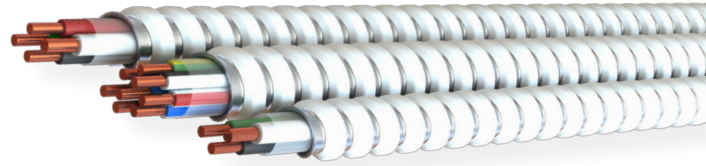
Applications

- Commercial, industrial, multi-residential branch circuits and feeder wiring-services for power, lighting, control and signal circuits.
- Branch circuit to computers and other electronic equipment where additive harmonic currents from non-linear switching loads may be present.
- Can be exposed or concealed, fished, surface mounted, embedded in plaster, environmental air-handling spaces, open or messenger supported aerial runs, dry locations, hazardous locations to Class I & II Div. 2 and Class III, Div. 1 & 2 (per NEC® Articles 501, 502, 503, 530), and Places of Assembly

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Type MC – Features & Benefits

Super Neutral Cable® Neutral Per Phase or Oversized Neutral Interlocked Galvanized Steel Armor



Features & Benefits

- Cable System. Technically equivalent and economically superior to traditional raceway and wire installations.
- Oversized Neutral. Features oversized neutral conductor designed to minimize the effects of harmonic currents on the neutral conductors generated by non-linear loads
- White steel armor for added identification.*
- Office. Cable designs and conductor color schemes compatible with most modular office furniture
- Redundant Grounding. For applications requiring isolated, redundant, or dedicated grounding conductors. Isolated Ground (I.G.) configuration with 2 Green grounds, 1 solid green, 1 with yellow stripe available upon request.
- Made in USA of US and/or imported materials

*Aluminum armor available as MTO

Applications

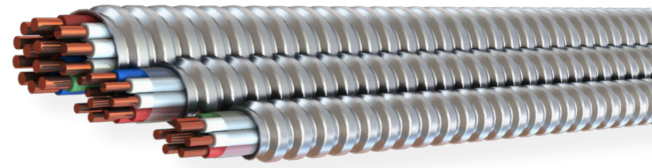
- Commercial, industrial, multi-residential branch circuits and feeder wiring-services for power, lighting, control and signal circuits.
- Branch circuit and feeder wiring for computers, programmable controllers, electronic discharge lighting, office machines and other electronic equipment that introduce additive harmonic currents from non-linear switching loads, compatible with most modular office furniture.
- Can be exposed or concealed, fished, surface mounted, embedded in plaster, environmental air-handling spaces, open or messenger supported aerial runs, dry locations, hazardous locations to Class I & II Div. 2 and Class III, Div. 1 & 2 (per NEC® Articles 501, 502, 503, 530), and Places of Assembly

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Type MC – Features & Benefits

Home Run Cable®

Interlocked Galvanized Steel Armor



Features & Benefits

- Cable System. Technically equivalent and economically superior to traditional raceway and wire installations.
- Versatile. Multi-conductor cable phase identified by color code with separate marking for circuit identification
- Redundant Grounding. For applications requiring isolated, redundant, or dedicated grounding conductors. Isolated Ground (I.G.) configuration with 2 Green grounds, 1 solid green, 1 with yellow stripe available upon request.
- Made in USA of US and/or imported materials

Applications

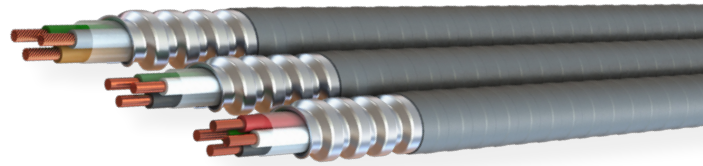
- Commercial, industrial, multi-residential branch circuits and feeder wiring-services for power, lighting, control and signal circuits.
- Multi-conductor runs from panel board to junction box for power, lighting, control and signal circuits, also used in repetitive home runs in multi-story hotels, dormitories, commercial office buildings and warehouse applications. Conductors must be derated per NEC® Table 310.15(B)(3)(a).
- Can be exposed or concealed, fished, surface mounted, embedded in plaster, environmental air-handling spaces, open or messenger supported aerial runs, dry locations, hazardous locations to Class I & II Div. 2 and Class III, Div. 1 & 2 (per NEC® Articles 501, 502, 503, 530), and Places of Assembly

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Type MC – Features & Benefits

Parking Deck / Lot Cable

Interlocked Galvanized Steel Armor with Overall PVC Jacket



Features & Benefits

- Cable System. Technically equivalent and economically superior to traditional raceway and wire installations.
- Direct Burial. UL listed for direct burial in earth or concrete encasement. Buries 24 inches deep by Code
- 50 Mil PVC Jacket over a galvanized steel armor. 10 mils thicker than Schedule 40 PVC conduit
- Versatile. Listed for -40°C low temperature use, sunlight, and oil resistant
- Made in USA of US and/or imported materials

Applications

- Branch circuit and feeder wiring services in wet, dirty or oily locations, buried directly in earth or concrete, surface mounted or trenched for use in parking deck or parking lot applications, golf courses, ski mountains, docks, marinas, pumping stations and stadium lighting.
- Also used in continuous runs to outdoor or underground swimming pool motors, pumps, and related equipment (per NEC® 680)
- Can be exposed or concealed, fished, surface mounted, embedded in plaster, environmental air-handling spaces, open or messenger supported aerial runs, dry locations, hazardous locations to Class I & II Div. 2 and Class III, Div. 1 & 2 (per NEC® Articles 501, 502, 503, 530), and Places of Assembly

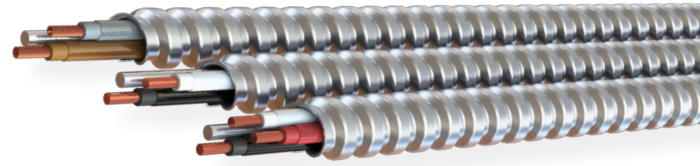
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Type MC – Features & Benefits

MC Quik® Lite

Type MCI-A - Interlocked Aluminum Armor

U.S. Patent 8,088,997



Features & Benefits

- Cable System. Technically equivalent and economically superior to traditional raceway and wire installations.
- Wrap Free. Protective polypropylene covering is extruded directly over the THHN insulation to eliminate the need for an overall assembly tape wrapping the twisted conductors reducing installation time and general waste on the jobsite.
- Grounding. Armor in conjunction with the aluminum ground/bonding conductor serves as a grounding means. Reduced installation time with the removal of green grounding conductor.
- RoHS Compliant. Aluminum armored cables are RoHS compliant
- Buy American. Aluminum armored cables are Buy American 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.
- Can be exposed or concealed, fished, surface mounted, embedded in plaster, environmental air-handling spaces, open or messenger supported aerial runs, dry locations, hazardous locations to Class I & II Div. 2 and Class III, Div. 1 & 2 (per NEC® Articles 501, 502, 503, 530), and Places of Assembly

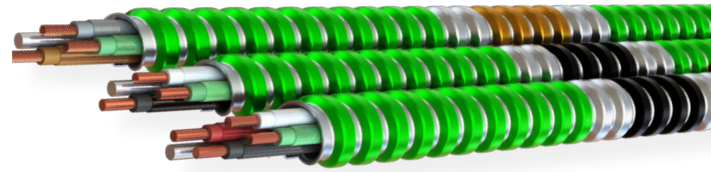
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Type MC – Features & Benefits

MC Stat® Lite

Type MCI-A - Interlocked Aluminum Armor

U.S. Patent 8,088,997



Features & Benefits

- Cable System. Technically equivalent and economically superior to traditional raceway and wire installations.
- Wrap Free. Protective polypropylene covering is extruded directly over the THHN insulation to eliminate the need for an overall assembly tape wrapping the twisted conductors reducing installation time and general waste on the jobsite.
- ColorSpec® ID/Color-Trak ID System. Lime green aluminum armor with phase ID painted directly onto the armor for added identification without the added step of opening up the panel to determine circuit type.
- Grounding. Armor plus full-sized aluminum ground wire is the equipment grounding mean, second equipment grounding means is full sized insulated copper grounding conductor.
- RoHS Compliant. Aluminum armored cables are RoHS compliant
- Buy American. Aluminum armored cables are Buy American compliant
- Made in USA of US and/or imported materials

Applications

- Branch circuits and feeders in areas of patient care in hospitals, nursing homes, outpatient facilities, dental offices, clinics, and medical centers (other than emergency, life safety or critical care locations).
- Can be exposed or concealed, fished, surface mounted, embedded in plaster, environmental air-handling spaces, open or messenger supported aerial runs, dry locations, hazardous locations to Class I & II Div. 2 and Class III, Div. 1 & 2 (per NEC® Articles 501, 502, 503, 530), Places of Assembly (per NEC® Article 518, and in Patient Care Areas of Patient Care as per NEC® Article 517 and any application requiring isolated or redundant grounding, normal or general purpose power in health care settings.

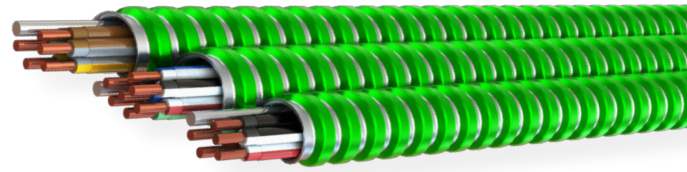
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Type MC – Features & Benefits

MC Stat® Plus Lite

Type MCI-A - Interlocked Aluminum Armor

U.S. Patent 8,088,997



Features & Benefits

- Cable System. Technically equivalent and economically superior to traditional raceway and wire installations.
- Neutral Per Phase. Eliminates shared neutrals and addresses harmonic distortions in power distribution systems. Decreases the time it takes to identify a faulty circuit because only the affected single-phase breaker will trip thus, allowing the rest of the electrical systems to continue to operate and reducing the length of unnecessary outages.
- Wrap Free. Protective polypropylene covering is extruded directly over the THHN insulation to eliminate the need for an overall assembly tape wrapping the twisted conductors reducing installation time and general waste on the jobsite.
- Grounding. Armor plus full-sized aluminum ground wire is the equipment grounding mean; second equipment grounding means is full sized insulated copper grounding conductor.
- RoHS Compliant. Aluminum armored cables are RoHS compliant
- Buy American. Aluminum armored cables are Buy American compliant
- Made in USA of US and/or imported materials

Applications

- Branch circuits in areas of patient care in hospitals, nursing homes, outpatient facilities, dental offices, clinics and medical centers (other than emergency, life safety or critical care locations).
- Can be exposed or concealed, fished, surface mounted, embedded in plaster, environmental air-handling spaces, open or messenger supported aerial runs, dry locations, hazardous locations to Class I & II Div. 2 and Class III, Div. 1 & 2 (per NEC® Articles 501, 502, 503, 530), Places of Assembly (per NEC® Article 518, and in Patient Care Areas of Patient Care as per NEC® Article 517 and any application requiring isolated or redundant grounding, normal or general purpose power in health care settings.

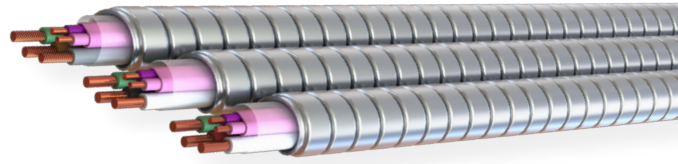
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Type MC – Features & Benefits

MC Glide Luminary® Lite

Type MCI-PCS – Interlocked Aluminum Armor

U.S. Patent 10,431,353 | U.S. Patent 11,101,056 | U.S. 11,282,619 |
U.S. 11,587,699 | U.S. Design Patent D935,731



Features & Benefits

- Cable System. Technically equivalent and economically superior to traditional raceway and wire installations.
- One Pull. Combines power and control circuits under a single interlocked armor. Save up to 30% on labor and installation costs compared to the traditional installation method of running power and the control circuit afterward.
- 2020 NEC® Sec 410.69 Compliant. Manufactured with purple and pink control conductors covered with an overall pink PVC jacket for easy identification.
- Easier Pulls. U.S. Patented armor profile is designed to reduce fatigue on your workers when pulling cable through metal studs and ceilings.
- Time Savings. From the first pull, installing MC Glide will be smoother, faster, and easier to work with.
- Minimize Damage. Less resistance means less opportunity for cable hang ups, that may knock down studs or damage dry wall.
- No need for new tools. Works with the same tools, fittings and supports as traditional MC Cables.
- Improved Cable Bend Memory. The new profile of MC Glide tends to lay flatter than legacy MC cable, notably reducing curling or bend memory issues.
- Secure hard-wired lighting control system reduces the threat of intrusion
- Save Energy & Money. Reduce consumption with daylight harvesting dimmable lighting
- System Compatible with 0-10 volt DC solid state lighting control systems & digital signal
- RoHS Compliant. Aluminum armored cables are RoHS compliant
- Buy American. Aluminum armored cables are Buy American 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, SMART Buildings, Daylight Harvesting, Casinos, Hotels, Shopping Centers, Retail Centers
- Use in LED and Fluorescent dimming systems
- Can be exposed or concealed, fished, surface mounted, embedded in plaster, environmental air-handling spaces, open or messenger supported aerial runs, dry locations, hazardous locations to Class I & II Div. 2 and Class III, Div. 1 & 2 (per NEC® Articles 501, 502, 503, 530), and Places of Assembly
- Also great for applications requiring superior EMI shielding

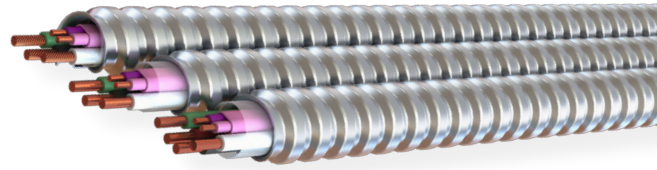
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Type MC – Features & Benefits

MC Lite Luminary®

Type MCI-PCS – Interlocked Aluminum Armor

U.S. Patent 10,431,353



Features & Benefits

- Cable System. Technically equivalent and economically superior to traditional raceway and wire installations.
- One Pull. Combines power and control circuits under a single interlocked armor. Save up to 30% on labor and installation costs compared to the traditional installation method of running power and the control circuit afterward.
- 2020 NEC® Sec 410.69 Compliant. Manufactured with purple and pink control conductors covered with an overall pink PVC jacket for easy identification.
- Secure hard-wired lighting control system reduces the threat of intrusion
- Save Energy & Money. Reduce consumption with daylight harvesting dimmable lighting
- System Compatible with 0-10 volt DC solid state lighting control systems & digital signal
- Redundant Grounding. For applications requiring isolated, redundant, or dedicated grounding conductors. Isolated Ground (I.G.) configuration with 2 Green grounds, 1 solid green, 1 with yellow stripe available upon request.
- RoHS Compliant. Aluminum armored cables are RoHS compliant
- Buy American. Aluminum armored cables are Buy American 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, SMART Buildings, Daylight Harvesting, Casinos, Hotels, Shopping Centers, Retail Centers
- Use in LED and Fluorescent dimming systems
- Can be exposed or concealed, fished, surface mounted, embedded in plaster, environmental air-handling spaces, open or messenger supported aerial runs, dry locations, hazardous locations to Class I & II Div. 2 and Class III, Div. 1 & 2 (per NEC® Articles 501, 502, 503, 530), and Places of Assembly

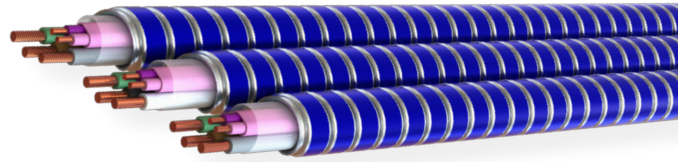
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Type MC – Features & Benefits

MC Glide Luminary® Tuff

Type MCI-PCS – Interlocked Galvanized Steel Armor

U.S. Patent 10,431,353 | U.S. Design Patent D935,731 | D996,374



Features & Benefits

- Cable System. Technically equivalent and economically superior to traditional raceway and wire installations.
- One Pull. Combines power and control circuits under a single interlocked armor. Save up to 30% on labor and installation costs compared to the traditional installation method of running power and the control circuit afterward.
- 2020 NEC® Sec 410.69 Compliant. Manufactured with purple and pink control conductors covered with an overall pink PVC jacket for easy identification.
- Easier Pulls. U.S. Patented armor profile is designed to reduce fatigue on your workers when pulling cable through metal studs and ceilings.
- Time Savings. From the first pull, installing MC Glide will be smoother, faster, and easier to work with.
- Minimize Damage. Less resistance means less opportunity for cable hang ups, that may knock down studs or damage dry wall.
- No need for new tools. Works with the same tools, fittings and supports as traditional MC Cables.
- No need for new tools. Works with the same tools, fittings and supports as traditional MC Cables.
- Improved Cable Bend Memory. The new profile of MC Glide tends to lay flatter than legacy MC cable, notably reducing curling or bend memory issues.
- Secure hard-wired lighting control system reduces the threat of intrusion
- Save Energy & Money. Reduce consumption with daylight harvesting dimmable lighting
- System Compatible with 0-10 volt DC solid state lighting control systems & digital signal
- 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, SMART Buildings, Daylight Harvesting, Casinos, Hotels, Shopping Centers, Retail Centers
- Use in LED and Fluorescent dimming systems
- Can be exposed or concealed, fished, surface mounted, embedded in plaster, environmental air-handling spaces, open or messenger supported aerial runs, dry locations, hazardous locations to Class I & II Div. 2 and Class III, Div. 1 & 2 (per NEC® Articles 501, 502, 503, 530), and Places of Assembly
- Also great for applications requiring superior EMI shielding

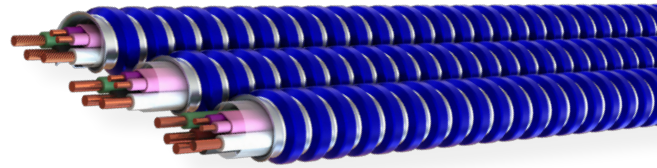
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Type MC – Features & Benefits

MC Tuff Luminary®

Type MCI-PCS – Interlocked Galvanized Steel Armor

U.S. Patent 10,431,353



Features & Benefits

- Cable System. Technically equivalent and economically superior to traditional raceway and wire installations.
- One Pull. Combines power and control circuits under a single interlocked armor. Save up to 30% on labor and installation costs compared to the traditional installation method of running power and the control circuit afterward.
- 2020 NEC® Sec 410.69 Compliant. Manufactured with purple and pink control conductors covered with an overall pink PVC jacket for easy identification.
- Secure hard-wired lighting control system reduces the threat of intrusion
- Save Energy & Money. Reduce consumption with daylight harvesting dimmable lighting
- System Compatible with 0-10 volt DC solid state lighting control systems & digital signal
- Redundant Grounding. For applications requiring isolated, redundant, or dedicated grounding conductors. Isolated Ground (I.G.) configuration with 2 Green grounds, 1 solid green, 1 with yellow stripe available upon request.
- 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, SMART Buildings, Daylight Harvesting, Casinos, Hotels, Shopping Centers, Retail Centers
- Use in LED and Fluorescent dimming systems
- Can be exposed or concealed, fished, surface mounted, embedded in plaster, environmental air-handling spaces, open or messenger supported aerial runs, dry locations, hazardous locations to Class I & II Div. 2 and Class III, Div. 1 & 2 (per NEC® Articles 501, 502, 503, 530), and Places of Assembly
- Also great for applications requiring superior EMI shielding

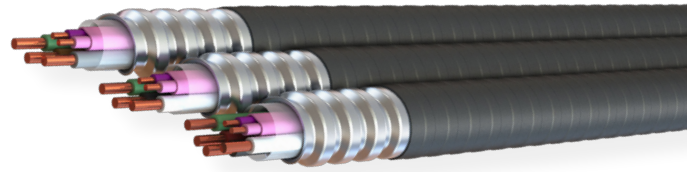
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Type MC – Features & Benefits

MC Luminary® PVC Jacketed

Type MCI-PCS – Interlocked Galvanized Steel Armor

U.S. Patent 10,431,353



Features & Benefits

- Cable System. Technically equivalent and economically superior to traditional raceway and wire installations.
- One Pull. Combines power and control circuits under a single interlocked armor. Save up to 30% on labor and installation costs compared to the traditional installation method of running power and the control circuit afterward.
- 2020 NEC® Sec 410.69 Compliant. Manufactured with purple and pink control conductors covered with an overall pink PVC jacket for easy identification.
- Direct Burial. UL listed for direct burial in earth or concrete encasement. Buries 24 inches deep by code.
- 50 Mil PVC Jacket over a galvanized steel armor. That's 10 mils thicker than Schedule 40 PVC conduit.
- Versatile. Listed for -40°C low temperature use, sunlight, and oil resistant
- Secure hard-wired lighting control system reduces the threat of intrusion
- Save Energy & Money. Reduce consumption with daylight harvesting dimmable lighting
- System Compatible with 0-10 volt DC solid state lighting control systems & digital signal
- Made in USA of US and/or imported materials

Applications

- Branch circuit and feeder wiring for lighting, control and signal circuits in wet, dirty or oily locations, buried directly in earth or concrete, surface mounted or trenched for use in parking deck or parking lot applications, golf courses, ski mountains, docks, marinas, pumping stations and stadium lighting, SMART Buildings, Daylight Harvesting, Casinos, Hotels, Shopping Centers, Retail Centers
- Use in LED and Fluorescent dimming systems
- Can be exposed or concealed, fished, surface mounted, embedded in plaster, environmental air-handling spaces, open or messenger supported aerial runs, dry locations, hazardous locations to Class I & II Div. 2 and Class III, Div. 1 & 2 (per NEC® Articles 501, 502, 503, 530), and Places of Assembly

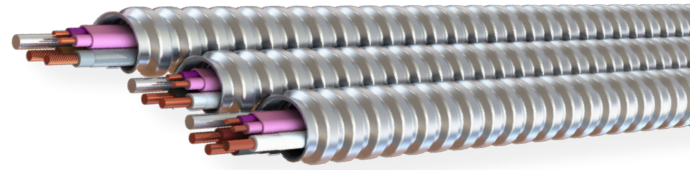
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Type MC – Features & Benefits

MC Luminary Quik® Lite

Type MCI-PCS – Interlocked Aluminum Armor

U.S. Patent 10,431,353 | U.S. Patent 8,088,997



Features & Benefits

- Cable System. Technically equivalent and economically superior to traditional raceway and wire installations.
- Wrap Free. Protective polypropylene covering is extruded directly over the THHN insulation to eliminate the need for an overall assembly tape wrapping the twisted conductors reducing installation time and general waste on the jobsite.
- Grounding. Armor in conjunction with the aluminum ground/bonding conductor serves as a grounding means. Reduced installation time with the removal of green grounding conductor.
- One Pull. Combines power and control circuits under a single interlocked armor. Save up to 30% on labor and installation costs compared to the traditional installation method of running power and the control circuit afterward.
- 2020 NEC® Sec 410.69 Compliant. Manufactured with purple and pink control conductors covered with an overall pink PVC jacket for easy identification.
- Secure hard-wired lighting control system reduces the threat of intrusion
- Save Energy & Money. Reduce consumption with daylight harvesting dimmable lighting
- System Compatible with 0-10 volt DC solid state lighting control systems & digital signal
- RoHS Compliant. Aluminum armored cables are RoHS compliant
- Buy American. Aluminum armored cables are Buy American 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.
- Use in LED and Fluorescent dimming systems
- Can be exposed or concealed, fished, surface mounted, embedded in plaster, environmental air-handling spaces, open or messenger supported aerial runs, dry locations, hazardous locations to Class I & II Div. 2 and Class III, Div. 1 & 2 (per NEC® Articles 501, 502, 503, 530), and Places of Assembly

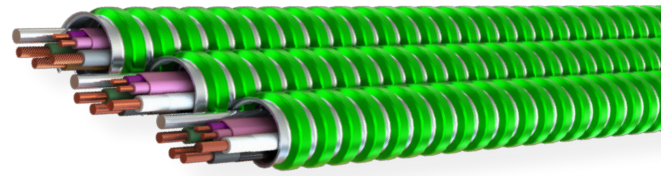
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Type MC – Features & Benefits

MC Luminary HCF® Lite

Type MCI-PCS – Interlocked Aluminum Armor

U.S. Patent 10,431,353 | U.S. Patent 8,088,997



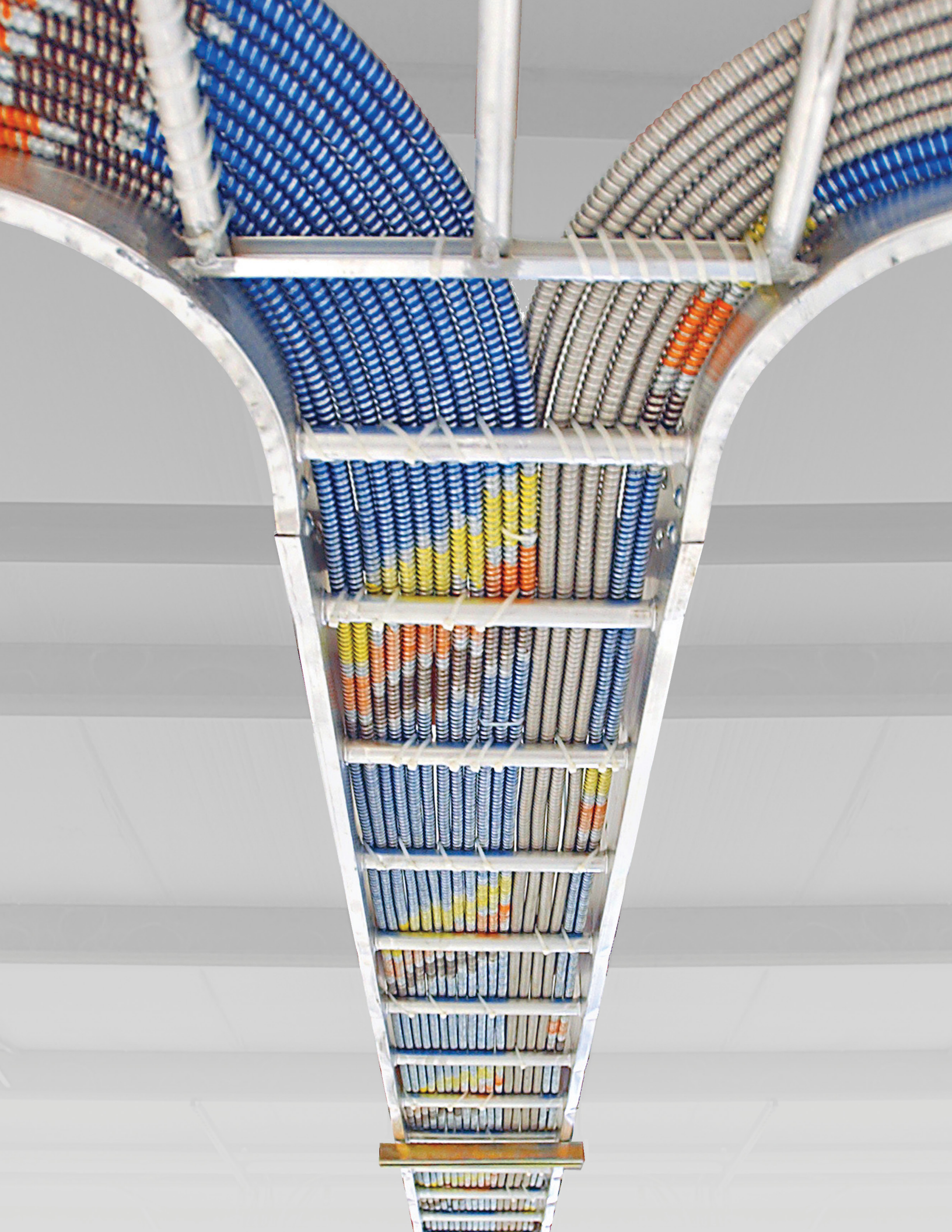
Features & Benefits

- Cable System. Technically equivalent and economically superior to traditional raceway and wire installations.
- Wrap Free. Protective polypropylene covering is extruded directly over the THHN insulation to eliminate the need for an overall assembly tape wrapping the twisted conductors reducing installation time and general waste on the jobsite.
- Grounding. Armor plus full-sized aluminum ground wire is the equipment grounding mean, second equipment grounding means is full sized insulated copper grounding conductor.
- One Pull. Combines power and control circuits under a single interlocked armor. Save up to 30% on labor and installation costs compared to the traditional installation method of running power and the control circuit afterward.
- 2020 NEC® Sec 410.69 Compliant. Manufactured with purple and pink control conductors covered with an overall pink PVC jacket for easy identification.
- Secure hard-wired lighting control system reduces the threat of intrusion
- Save Energy & Money. Reduce consumption with daylight harvesting dimmable lighting
- System Compatible with 0-10 volt DC solid state lighting control systems & digital signal
- RoHS Compliant. Aluminum armored cables are RoHS compliant
- Buy American. Aluminum armored cables are Buy American compliant
- Made in USA of US and/or imported materials

Applications

- Branch circuits in areas of patient care in hospitals, nursing homes, outpatient facilities, dental offices, clinics and medical centers (other than emergency, life safety or critical care locations)
- Use in LED and Fluorescent dimming systems
- Can be exposed or concealed, fished, surface mounted, embedded in plaster, environmental air-handling spaces, open or messenger supported aerial runs, dry locations, hazardous locations to Class I & II Div. 2 and Class III, Div. 1 & 2 (per NEC® Articles 501, 502, 503, 530), and Places of Assembly

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Type MC - Interlocked Lightweight Galvanized Steel Armor

Armor

- Lightweight Interlocked Galvanized Steel Strip Color-Coded Blue with ColorSpec® ID/ ColorTrak® ID

Conductors

- Solid or Stranded Copper

Conductors Insulation

- THHN/THWN

Assembly Covering

- Polypropylene Tape

Neutral Conductor

- White 120/208V
- Gray 277/480V

Grounding

- One or more Insulated Green Copper Grounding Conductor(s)

Maximum Voltage Rating

- 600V

Maximum Temperature Rating

- 90°C (Dry)

References & Ratings

- UL 83,1479,1569,1581, 2556, File Reference E80042
- NEC® 230.43, 300.22(C), 330, 392, 396.10(A), 501, 502, 503, 504, 505, 520, 530, 645
- NEC® 300.22 (C) Other Spaces Used For Environmental Air (Plenums)
- UL classified 1, 2, and 3, hour through (Fire) penetration product R14141
- Cable tray rated, install per NEC®
- 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
- Made in USA of US and /or imported materials
- U.S. Design Patent D935,731 | D996,374



Conductor				Product Code		Approx. Weight	Approx. Armor O.D.
Trade Size	Phase Conductor AWG (Color)	Neutral Conductor AWG (Color)	Grounding Conductor AWG (Color)	250' Coils	1000' Reel	(lb/1000ft)	(in)
Solid							
12-2	12-1 Solid (Black)	12-1 Solid (White)	12-1 Solid (Green)	S004B42T00	S004B60T00	152	0.440
12-2	12-1 Solid (Brown)	12-1 Solid (Gray)	12-1 Solid (Green)	S004B42T01	S004B60T01	152	0.440
12-2	12-1 Solid (Orange)	12-1 Solid (Gray)	12-1 Solid (Green)	S004B42T02	S004B60T02	152	0.440
12-2	12-1 Solid (Yellow)	12-1 Solid (Gray)	12-1 Solid (Green)	S004B42T03	S004B60T03	152	0.440
12-2	12-1 Solid (Red)	12-1 Solid (White)	12-1 Solid (Green)	S004B42T04	S004B60T04	152	0.440
12-2	12-1 Solid (Blue)	12-1 Solid (White)	12-1 Solid (Green)	S004B42T05	S004B60T05	152	0.440
12-2	12-1 Solid (Purple)	12-1 Solid (Gray)	12-1 Solid (Green)	S004B42T07*	S004B60T07*	152	0.440
12-2 I.G. ¹	12-1 Solid (Black)	12-1 Solid (White)	12-2 Solid (Green, Green/Yellow)	S005B42T80*	S005B60T80*	178	0.460
12-2 I.G. ¹	12-1 Solid (Red)	12-1 Solid (White)	12-2 Solid (Green, Green/Yellow)	S005B42T84*	S005B60T84*	178	0.460
12-2 I.G. ¹	12-1 Solid (Blue)	12-1 Solid (White)	12-2 Solid (Green, Green/Yellow)	S005B42T85*	S005B60T85*	178	0.460
12-3	12-2 Solid (Black, Red)	12-1 Solid (White)	12-1 Solid (Green)	S005B42T00	S005B60T00	178	0.460
12-3	12-2 Solid (Brown, Orange)	12-1 Solid (Gray)	12-1 Solid (Green)	S005B42T01	S005B60T01	178	0.460
12-3	12-2 Solid (Orange, Yellow)	12-1 Solid (Gray)	12-1 Solid (Green)	S005B42T02*	S005B60T02*	178	0.460
12-3	12-2 Solid (Brown, Yellow)	12-1 Solid (Gray)	12-1 Solid (Green)	S005B42T03*	S005B60T03*	178	0.460
12-3	12-2 Solid (Red, Blue)	12-1 Solid (White)	12-1 Solid (Green)	S005B42T04*	S005B60T04*	178	0.460
12-3	12-2 Solid (Black, Blue)	12-1 Solid (White)	12-1 Solid (Green)	S005B42T05*	S005B60T05*	178	0.460
12-3	12-2 Solid (Brown, Purple)	12-1 Solid (Gray)	12-1 Solid (Green)	S005B42T07*	S005B60T07*	178	0.460

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Type MC - Interlocked Lightweight Galvanized Steel Armor

Conductor				Product Code		Approx. Weight	Approx. Armor O.D.
Trade Size	Phase Conductor AWG (Color)	Neutral Conductor AWG (Color)	Grounding Conductor AWG (Color)	250' Coils	1000' Reel	(lb/1000ft)	(in)
Stranded							
12-2	12-1 Stranded (Black)	12-1 Stranded (White)	12-1 Stranded (Green)	S058B42T00	S058B60T00	155	0.440
12-2	12-1 Stranded (Brown)	12-1 Stranded (Gray)	12-1 Stranded (Green)	S058B42T01	S058B60T01	155	0.440
12-2	12-1 Stranded (Orange)	12-1 Stranded (Gray)	12-1 Stranded (Green)	S058B42T02*	S058B60T02*	155	0.440
12-2	12-1 Stranded (Yellow)	12-1 Stranded (Gray)	12-1 Stranded (Green)	S058B42T03*	S058B60T03*	155	0.440
12-2 I.G. ¹	12-1 Stranded (Black)	12-1 Stranded (White)	12-2 Stranded (Green, Green/Yellow)	S059B42T80*	S059B60T80*	183	0.460
12-3	12-2 Stranded (Black, Red)	12-1 Stranded (White)	12-1 Stranded (Green)	S059B42T00	S059B60T00	183	0.460
12-3	12-2 Stranded (Brown, Orange)	12-1 Stranded (Gray)	12-1 Stranded (Green)	S059B42T01*	S059B60T01*	183	0.460

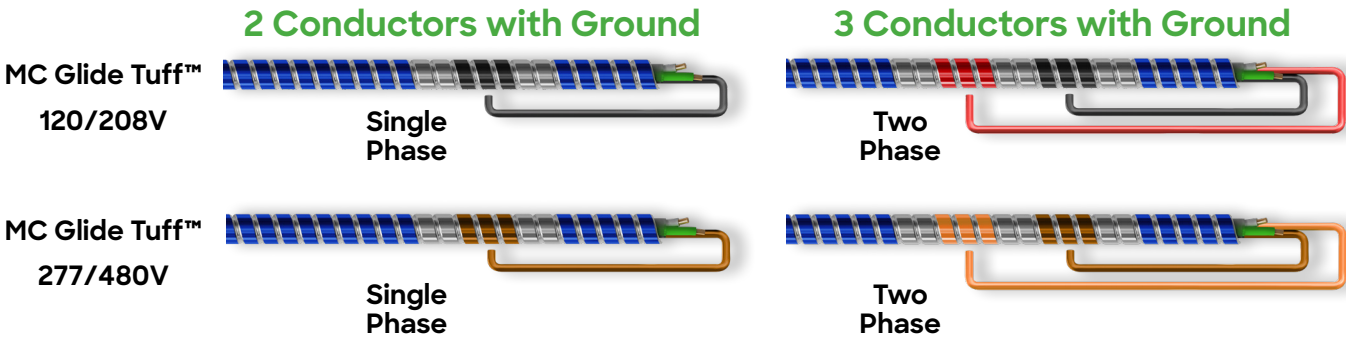
Note: All dimensions and weights are subject to normal manufacturing tolerances. Other conductor colors available by special order.

*Special Order, subject to lead times and minimum order quantities

¹I.G. = Isolated Ground, an additional insulated green copper grounding conductor with yellow marker

Type MC Cables - Steel Metal Clad Cables

ColorSpec® ID



Type MC - Interlocked Lightweight Galvanized Steel Armor

Armor

- Lightweight Interlocked Galvanized Steel Strip Color-Coded Blue with ColorSpec® ID/ColorTrak® ID

Conductors

- Solid or Stranded Copper

Conductor Insulation

- THHN/THWN

Assembly Covering

- Polypropylene Tape

Neutral Conductor

- White 120/208V
- Gray 277/480V

Grounding

- One or more Insulated Green Copper Grounding Conductor(s)

Maximum Voltage Rating

- 600V

Maximum Temperature Rating

- 90°C (Dry)

References & Ratings

- UL 83,1479,1569,1581, 2556, File Reference E80042
- NEC® 230.43, 300.22(C), 330, 392, 396.10(A), 501, 502, 503, 504, 505, 520, 530, 645
- NEC® 300.22 (C) Other Spaces Used For Environmental Air (Plenums)
- UL classified 1, 2, and 3, hour through (Fire) penetration product R14141
- Cable tray rated, install per NEC®
- 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
- Made in USA of US and /or imported materials



Conductor				Product Code		Approx. Weight	Approx. Armor O.D.
Trade Size	Phase Conductor AWG (Color)	Neutral Conductor AWG (Color)	Grounding Conductor AWG (Color)	250' Coils	1000' Reel	(lb/1000ft)	(in)
Solid							
12-4	12-3 Solid (Black, Red, Blue)	12-1 Solid (White)	12-1 Solid (Green)	1706B42T00*	1706B60T00*	232	0.562
12-4	12-3 Solid (Brown, Orange, Yellow)	12-1 Solid (Gray)	12-1 Solid (Green)	1706B42T01*	1706B60T01*	232	0.562
10-2	10-1 Solid (Black)	10-1 Solid (White)	10-1 Solid (Green)	1707B42T00	1707B60T00	225	0.581
10-2	10-1 Solid (Brown)	10-1 Solid (Gray)	10-1 Solid (Green)	1707B42T01	1707B60T01	225	0.581
10-2	10-1 Solid (Orange)	10-1 Solid (Gray)	10-1 Solid (Green)	1707B42T02*	1707B60T02*	225	0.581
10-2	10-1 Solid (Yellow)	10-1 Solid (Gray)	10-1 Solid (Green)	1707B42T03*	1707B60T03*	225	0.581
10-2	10-1 Solid (Red)	10-1 Solid (White)	10-1 Solid (Green)	1707B42T04*	1707B60T04*	225	0.581
10-2	10-1 Solid (Blue)	10-1 Solid (White)	10-1 Solid (Green)	1707B42T05*	1707B60T05*	225	0.581
10-2	10-1 Solid (Purple)	10-1 Solid (Gray)	10-1 Solid (Green)	1707B42T07*	1707B60T07*	225	0.581
10-3	10-2 Solid (Black, Red)	10-1 Solid (White)	10-1 Solid (Green)	1708B42T00	1708B60T00	275	0.622
10-3	10-2 Solid (Brown, Orange)	10-1 Solid (Gray)	10-1 Solid (Green)	1708B42T01	1708B60T01	275	0.622
10-2 I.G. ¹	10-1 Solid (Black)	10-1 Solid (White)	10-2 Solid (Green, Green/Yellow)	1708B42T80*	1708B60T80*	275	0.622
10-4	10-3 Solid (Black, Red, Blue)	10-1 Solid (White)	10-1 Solid (Green)	1709B42T00	1709B60T00	326	0.643
10-4	10-3 Solid (Brown, Orange, Yellow)	10-1 Solid (Gray)	10-1 Solid (Green)	1709B42T01	1709B60T01	326	0.643

Continues on next page

Type MC - Interlocked Lightweight Galvanized Steel Armor

Conductor				Product Code		Approx. Weight	Approx. Armor O.D.
Trade Size	Phase Conductor AWG (Color)	Neutral Conductor AWG (Color)	Grounding Conductor AWG (Color)	250' Coils	1000' Reel	(lb/1000ft)	(in)
Stranded Conductors							
12-4	12-3 Stranded (Black, Red, Blue)	12-1 Stranded (White)	12-1 Stranded (Green)	1760B42T00*	1760B60T00*	245	0.613
12-4	12-3 Stranded (Brown, Orange, Yellow)	12-1 Stranded (Gray)	12-1 Stranded (Green)	1760B42T01*	1760B60T01*	245	0.613
10-2	10-1 Stranded (Black)	10-1 Stranded (White)	10-1 Stranded (Green)	1761B42T00*	1761B60T00*	237	0.614
10-2	10-1 Stranded (Brown)	10-1 Stranded (Gray)	10-1 Stranded (Green)	1761B42T01*	1761B60T01*	237	0.614
10-3	10-2 Stranded (Black, Red)	10-1 Stranded (White)	10-1 Stranded (Green)	1762B42T00*	1762B60T00*	289	0.658
10-3	10-2 Stranded (Brown, Orange)	10-1 Stranded (Gray)	10-1 Stranded (Green)	1762B42T01*	1762B60T01*	289	0.658
10-4	10-3 Stranded (Black, Red, Blue)	10-1 Stranded (White)	10-1 Stranded (Green)	1763B42T00*	1763B60T00*	342	0.707
10-4	10-3 Stranded (Brown, Orange, Yellow)	10-1 Stranded (Gray)	10-1 Stranded (Green)	1763B42T01*	1763B60T01*	342	0.707

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

*Special Order, subject to lead times and minimum order quantities.

†I.G. = Isolated Ground, an additional insulated green copper grounding conductor with yellow marker

MC Tuff Barrel Packaging Solution

Conductor				Product Code	Length	Approx. Weight	Approx. Armor O.D.
Trade Size	Phase Conductor AWG (Color)	Neutral Conductor AWG (Color)	Grounding Conductor AWG (Color)		(ft)	(lb/1000ft)	(in)
Solid							
12-2	12-1 Solid (Black)	12-1 Solid (White)	12 Solid (Green)	1704B93T00	2500	373	0.517
12-2	12-1 Solid (Brown)	12-1 Solid (Gray)	12 Solid (Green)	1704B93T01*	2500	373	0.517
12-2	12-1 Solid (Orange)	12-1 Solid (Gray)	12 Solid (Green)	1704B93T02*	2500	373	0.517
12-2	12-1 Solid (Yellow)	12-1 Solid (Gray)	12 Solid (Green)	1704B93T03*	2500	373	0.517
12-3	12-2 Solid (Black, Red)	12-1 Solid (White)	12 Solid (Green)	1705B92T00*	2000	366	0.549
12-3	12-2 Solid (Brown, Orange)	12-1 Solid (Gray)	12 Solid (Green)	1705B92T01*	2000	366	0.549
12-4	12-3 Solid (Black, Red, Blue)	12-1 Solid (White)	12 Solid (Green)	1706B91T00*	1500	368	0.562
12-4	12-3 Solid (Brown, Orange, Yellow)	12-1 Solid (Gray)	12 Solid (Green)	1706B91T01*	1500	368	0.562
10-2	10-1 Solid (Black)	10-1 Solid (White)	10 Solid (Green)	1707B91T00*	1500	358	0.581
10-2	10-1 Solid (Brown)	10-1 Solid (Gray)	10 Solid (Green)	1707B91T01*	1500	358	0.581

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

*Special Order, subject to lead times and minimum order quantities.

MC Tuff - Gaylord Packaging Solution

Conductor				Product Code	Length	Approx. Weight	Approx. Armor O.D.
Trade Size	Phase Conductor AWG (Color)	Neutral Conductor AWG (Color)	Grounding Conductor AWG (Color)		(ft)	(lb/1000ft)	(in)
12-2	12-1 Solid (Black)	12-1 Solid (White)	12 Solid (Green)	1704B76T00*	6000	141	0.517
12-2	12-1 Solid (Brown)	12-1 Solid (Gray)	12 Solid (Green)	1704B76T01*	6000	141	0.517

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

*Special Order, subject to lead times and minimum order quantities.

Type MC - Interlocked Aluminum Armor

Armor

- Interlocked Aluminum

Conductors

- Solid or Stranded Copper

Conductors Insulation

- THHN/THWN

Assembly Covering

- Polypropylene Tape

Neutral Conductor

- White 120/208V
- Gray 277/480V

Grounding

- One or more Insulated Green Copper Grounding Conductor(s)

Maximum Voltage Rating

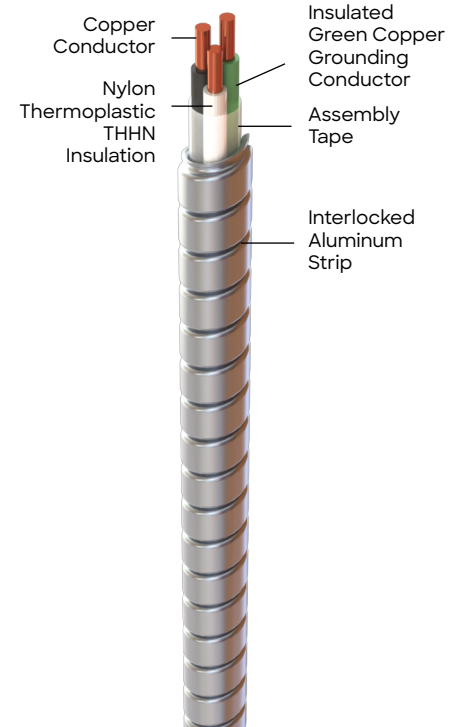
- 600V

Maximum Temperature Rating

- 90°C (Dry)

References & Ratings

- UL 83,1479,1569,1581, 2556, File Reference E80042
- NEC® 230.43, 300.22(C), 330, 392, 396.10(A), 501, 502, 503, 504, 505, 520, 530, 645
- NEC® 300.22 (C) Other Spaces Used For Environmental Air (Plenums)
- UL classified 1, 2, and 3, hour through (Fire) penetration product R14141
- Cable tray rated, install per NEC®
- 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
- Made in USA of US and /or imported materials
- Aluminum armored cables are RoHS compliant
- U.S. Design Patent D935,731 | D996,374



Conductor				Product Code		Approx. Weight	Approx. Armor O.D.
Trade Size	Phase Conductor AWG (Color)	Neutral Conductor AWG (Color)	Grounding Conductor AWG (Color)	250' Coils	1000' Reel	(lb/1000ft)	(in)
Solid							
14-2	14-1 Solid (Black)	14-1 Solid (White)	14-1 Solid (Green)	A001-42-00	A001-60-00	78	0.415
14-2	14-1 Solid (Brown)	14-1 Solid (Gray)	14-1 Solid (Green)	A001-42-01*	A001-60-01*	78	0.415
14-3	14-2 Solid (Black, Red)	14-1 Solid (White)	14-1 Solid (Green)	A002-42-00	A002-60-00	95	0.440
14-3	14-2 Solid (Brown, Orange)	14-1 Solid (Gray)	14-1 Solid (Green)	A002-42-01*	A002-60-01*	95	0.440
14-4	14-3 Solid (Black, Red, Blue)	14-1 Solid (White)	14-1 Solid (Green)	A003-42-00*	A003-60-00*	113	0.460
14-4	14-3 Solid (Brown, Orange, Yellow)	14-1 Solid (Gray)	14-1 Solid (Green)	A003-42-01*	A003-60-01*	113	0.460
12-2	12-1 Solid (Black)	12-1 Solid (White)	12-1 Solid (Green)	A004-42-00	A004-60-00	103	0.440
12-2	12-1 Solid (Brown)	12-1 Solid (Gray)	12-1 Solid (Green)	A004-42-01	A004-60-01	103	0.440
12-2	12-1 Solid (Orange)	12-1 Solid (Gray)	12-1 Solid (Green)	A004-42-02	A004-60-02	103	0.440
12-2	12-1 Solid (Yellow)	12-1 Solid (Gray)	12-1 Solid (Green)	A004-42-03	A004-60-03	103	0.440
12-2	12-1 Solid (Red)	12-1 Solid (White)	12-1 Solid (Green)	A004-42-04	A004-60-04	103	0.440
12-2	12-1 Solid (Blue)	12-1 Solid (White)	12-1 Solid (Green)	A004-42-05	A004-60-05	103	0.440
12-2	12-1 Solid (Purple)	12-1 Solid (Gray)	12-1 Solid (Green)	A004-42-07	A004-60-07	103	0.440
12-2 I.G. ¹	12-1 Solid (Black)	12-1 Solid (White)	12-2 Solid (Green, Green/Yellow)	A005-42-80*	A005-60-80*	130	0.460
12-2 I.G. ¹	12-1 Solid (Red)	12-1 Solid (White)	12-2 Solid (Green, Green/Yellow)	A005-42-84*	A005-60-84*	130	0.460
12-2 I.G. ¹	12-1 Solid (Blue)	12-1 Solid (White)	12-2 Solid (Green, Green/Yellow)	A005-42-85*	A005-60-85*	130	0.460
12-3	12-2 Solid (Black, Red)	12-1 Solid (White)	12-1 Solid (Green)	A005-42-00	A005-60-00	130	0.460
12-3	12-2 Solid (Brown, Orange)	12-1 Solid (Gray)	12-1 Solid (Green)	A005-42-01	A005-60-01	130	0.460

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Type MC - Interlocked Aluminum Armor

Conductor				Product Code		Approx. Weight	Approx. Armor O.D.
Trade Size	Phase Conductor AWG (Color)	Neutral Conductor AWG (Color)	Grounding Conductor AWG (Color)	250' Coils	1000' Reel	(lb/1000ft)	(in)
Solid							
12-3	12-2 Solid (Orange, Yellow)	12-1 Solid (Gray)	12-1 Solid (Green)	A005-42-02	A005-60-02	130	0.460
12-3	12-2 Solid (Brown, Yellow)	12-1 Solid (Gray)	12-1 Solid (Green)	A005-42-03	A005-60-03	130	0.460
12-3	12-2 Solid (Red, Blue)	12-1 Solid (White)	12-1 Solid (Green)	A005-42-04	A005-60-04	130	0.460
12-3	12-2 Solid (Black, Blue)	12-1 Solid (White)	12-1 Solid (Green)	A005-42-05	A005-60-05	130	0.460
12-3	12-2 Solid (Brown, Purple)	12-1 Solid (Gray)	12-1 Solid (Green)	A005-42-07*	A005-60-07*	130	0.460
Stranded							
14-2	14-1 Stranded (Black)	14-1 Stranded (White)	14-1 Stranded (Green)	A055-42-00	A055-60-00	81	0.415
14-2	14-1 Stranded (Brown)	14-1 Stranded (Gray)	14-1 Stranded (Green)	A055-42-01*	A055-60-01*	81	0.415
14-3	14-2 Stranded (Black, Red)	14-1 Stranded (White)	14-1 Stranded (Green)	A056-42-00*	A056-60-00*	99	0.440
14-3	14-2 Stranded (Brown, Orange)	14-1 Stranded (Gray)	14-1 Stranded (Green)	A056-42-01*	A056-60-01*	99	0.440
14-4	14-3 Stranded (Black, Red, Blue)	14-1 Stranded (White)	14-1 Stranded (Green)	A057-42-00*	A057-60-00*	118	0.460
14-4	14-3 Stranded (Brown, Orange, Yellow)	14-1 Stranded (Gray)	14-1 Stranded (Green)	A057-42-01*	A057-60-01*	118	0.460
12-2	12-1 Stranded (Black)	12-1 Stranded (White)	12-1 Stranded (Green)	A058-42-00	A058-60-00	106	0.440
12-2	12-1 Stranded (Brown)	12-1 Stranded (Gray)	12-1 Stranded (Green)	A058-42-01	A058-60-01	106	0.440
12-2	12-1 Stranded (Orange)	12-1 Stranded (Gray)	12-1 Stranded (Green)	A058-42-02	A058-60-02	106	0.440
12-2	12-1 Stranded (Yellow)	12-1 Stranded (Gray)	12-1 Stranded (Green)	A058-42-03	A058-60-03	106	0.440
12-2 I.G. ¹	12-1 Stranded (Black)	12-1 Stranded (White)	12-2 Stranded (Green, Green/Yellow)	A059-42-80*	A059-60-80*	135	0.460
12-3	12-2 Stranded (Black, Red)	12-1 Stranded (White)	12-1 Stranded (Green)	A059-42-00	A059-60-00	135	0.460
12-3	12-2 Stranded (Brown, Orange)	12-1 Stranded (Gray)	12-1 Stranded (Green)	A059-42-01	A059-60-01	135	0.460

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

*Special Order, subject to lead times and minimum order quantities

¹I.G. = Isolated Ground, an additional insulated green copper grounding conductor with yellow marker

Type MC - Interlocked Aluminum Armor

Armor

- Interlocked Aluminum Strip

Conductors

- Solid or Stranded Copper

Conductor Insulation

- THHN/THWN

Assembly Covering

- Polypropylene Tape

Neutral Conductor

- White 120/ 208V
- Gray 277/ 480V

Grounding

- One or more Insulated Green Copper Grounding Conductor(s)

Maximum Voltage Rating

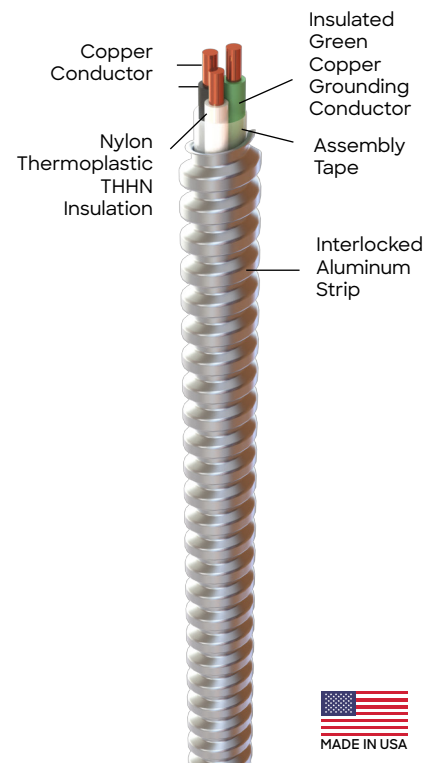
- 600V

Maximum Temperature Rating

- 90°C (Dry)

References & Ratings

- UL 83,1479,1569,1581, 2556, File Reference E80042
- NEC® 230.43, 300.22(C), 330, 392, 396.10(A), 501, 502, 503, 504, 505, 520, 530, 645
- NEC® 300.22 (C) Other Spaces Used For Environmental Air (Plenums)
- UL classified 1, 2, and 3, hour through (Fire) penetration product R14141
- Cable tray rated, install per NEC®
- 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
- Made in USA of US and /or imported materials
- Aluminum armored cables are RoHS compliant



Conductor				Product Code		Approx. Weight	Approx. Armor O.D.
Trade Size	Phase Conductor AWG (Color)	Neutral Conductor AWG (Color)	Grounding Conductor AWG (Color)	250' Coils	1000' Reel	(lb/1000ft)	(in)
Solid							
12-4	12-3 Solid (Black, Red, Blue)	12-1 Solid (White)	12-1 Solid (Green)	2106S42-00^	2106S60-00^	165	0.586
12-4	12-3 Solid (Brown, Orange, Yellow)	12-1 Solid (Gray)	12-1 Solid (Green)	2106S42-01^	2106S60-01^	165	0.586
12-3 I.G. ¹	12-2 Solid (Black, Red)	12-1 Solid (White)	12-2 Solid (Green, Green/Yellow)	2106S42-80*^	2106S60-80*^	165	0.586
10-2	10-1 Solid (Black)	10-1 Solid (White)	10-1 Solid (Green)	2107-42-00	2107-60-00	152	0.581
10-2	10-1 Solid (Brown)	10-1 Solid (Gray)	10-1 Solid (Green)	2107-42-01	2107-60-01	152	0.581
10-2	10-1 Solid (Orange)	10-1 Solid (Gray)	10-1 Solid (Green)	2107-42-02*	2107-60-02*	152	0.581
10-2	10-1 Solid (Yellow)	10-1 Solid (Gray)	10-1 Solid (Green)	2107-42-03*	2107-60-03*	152	0.581
10-2	10-1 Solid (Red)	10-1 Solid (White)	10-1 Solid (Green)	2107-42-04*	2107-60-04*	152	0.581
10-2	10-1 Solid (Blue)	10-1 Solid (White)	10-1 Solid (Green)	2107-42-05*	2107-60-05*	152	0.581
10-3	10-2 Solid (Black, Red)	10-1 Solid (White)	10-1 Solid (Green)	2108-42-00	2108-60-00	198	0.622
10-3	10-2 Solid (Brown, Orange)	10-1 Solid (Gray)	10-1 Solid (Green)	2108-42-01	2108-60-01	198	0.622
10-3	10-2 Solid (Orange, Yellow)	10-1 Solid (Gray)	10-1 Solid (Green)	2108-42-02*	2108-60-02*	198	0.622
10-3	10-2 Solid (Brown, Yellow)	10-1 Solid (Gray)	10-1 Solid (Green)	2108-42-03*	2108-60-03*	198	0.622
10-3	10-2 Solid (Red, Blue)	10-1 Solid (White)	10-1 Solid (Green)	2108-42-04*	2108-60-04*	198	0.622
10-3	10-2 Solid (Black, Blue)	10-1 Solid (White)	10-1 Solid (Green)	2108-42-05*	2108-60-05*	198	0.622
10-4	10-3 Solid (Black, Red, Blue)	10-1 Solid (White)	10-1 Solid (Green)	2109-42-00	2109-60-00	241	0.643
10-4	10-3 Solid (Brown, Orange, Yellow)	10-1 Solid (Gray)	10-1 Solid (Green)	2109-42-01	2109-60-01	241	0.643

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Type MC - Interlocked Aluminum Armor

Conductor				Product Code		Approx. Weight	Approx. Armor O.D.
Trade Size	Phase Conductor AWG (Color)	Neutral Conductor AWG (Color)	Grounding Conductor AWG (Color)	250' Coils	1000' Reel	(lb/1000ft)	(in)
Stranded							
12-4	12-3 Stranded (Black, Red, Blue)	12-1 Stranded (White)	12-1 Stranded (Green)	2160S42-00^	2160S60-00^	170	0.613
12-4	12-3 Stranded (Brown, Orange, Yellow)	12-1 Stranded (Gray)	12-1 Stranded (Green)	2160S42-01*^	2160S60-01*^	170	0.613
10-2	10-1 Stranded (Black)	10-1 Stranded (White)	10-1 Stranded (Green)	2161-42-00	2161-60-00	161	0.614
10-2	10-1 Stranded (Brown)	10-1 Stranded (Gray)	10-1 Stranded (Green)	2161-42-01	2161-60-01	161	0.614
10-2	10-1 Stranded (Orange)	10-1 Stranded (Gray)	10-1 Stranded (Green)	2161-42-02*	2161-60-02*	161	0.614
10-2	10-1 Stranded (Yellow)	10-1 Stranded (Gray)	10-1 Stranded (Green)	2161-42-03*	2161-60-03*	161	0.614
10-3	10-2 Stranded (Black, Red)	10-1 Stranded (White)	10-1 Stranded (Green)	2162-42-00	2162-60-00	205	0.658
10-3	10-2 Stranded (Brown, Orange)	10-1 Stranded (Gray)	10-1 Stranded (Green)	2162-42-01*	2162-60-01*	205	0.658
10-4	10-3 Stranded (Black, Red, Blue)	10-1 Stranded (White)	10-1 Stranded (Green)	2163-42-00	2163-60-00	255	0.704
10-4	10-3 Stranded (Brown, Orange, Yellow)	10-1 Stranded (Gray)	10-1 Stranded (Green)	2163-42-01	2163-60-01	255	0.704

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

^These products are Plain armor color-coded with ColorSpec®ID.

*Special Order, subject to lead times and minimum order quantities.

!G. = Isolated Ground, an additional insulated green copper grounding conductor with yellow marker



MC Lite - Gaylord Packaging Solution

Conductor				Product Code	Length	Approx. Weight	Approx. Armor O.D.
Trade Size	Phase Conductor AWG (Color)	Neutral Conductor AWG (Color)	Grounding Conductor AWG (Color)		(ft)	(lb/1000ft)	(in)
Solid							
12-2	12-1 Solid (Black)	12-1 Solid (White)	12-1 Solid (Green)	2104-76-00*	6000	106	0.517
12-2	12-1 Solid (Brown)	12-1 Solid (Gray)	12-1 Solid (Green)	2104-76-01*	6000	106	0.517
Stranded							
12-2	12-1 Stranded (Black)	12-1 Stranded (White)	12-1 Stranded (Green)	2158-76-00*	6000	111	0.538

Type MC - Interlocked Aluminum Armor

Type MC Cables - Aluminum Metal Clad Cables



MC Lite Barrel Packaging Solution

Conductor				Product Code		Approx. Weight	Approx. Armor O.D.
Trade Size	Phase Conductor AWG (Color)	Neutral Conductor AWG (Color)	Grounding Conductor AWG (Color)	250' Coils	1000' Reel	(lb/1000ft)	(in)
Solid							
12-2	12-1 Solid (Black)	12-1 Solid (White)	12-1 Solid (Green)	2104-93-00*	2500	285	0.517
12-2	12-1 Solid (Brown)	12-1 Solid (Gray)	12-1 Solid (Green)	2104-93-01*	2500	285	0.517
12-3	12-2 Solid (Black, Red)	12-1 Solid (White)	12-1 Solid (Green)	2105-92-00*	2000	288	0.549
12-3	12-2 Solid (Brown, Orange)	12-1 Solid (Gray)	12-1 Solid (Green)	2105-92-01*	2000	288	0.549
10-2	10-1 Solid (Black)	10-1 Solid (White)	10-1 Solid (Green)	2107-91-00*	1500	253	0.581
10-2	10-1 Solid (Brown)	10-1 Solid (Gray)	10-1 Solid (Green)	2107-91-01*	1500	253	0.581
10-3	10-2 Solid (Black, Red)	10-1 Solid (White)	10-1 Solid (Green)	2108-90-00*	1000	218	0.622
10-3	10-2 Solid (Brown, Orange)	10-1 Solid (Gray)	10-1 Solid (Green)	2108-90-01*	1000	218	0.622
10-4	10-3 Solid (Black, Red, Blue)	10-1 Solid (White)	10-1 Solid (Green)	2109-90-00*	1000	261	0.667
10-4	10-3 Solid (Brown, Orange, Yellow)	10-1 Solid (Gray)	10-1 Solid (Green)	2109-90-01*	1000	261	0.667
Stranded							
12-2	12-1 Stranded (Black)	12-1 Stranded (White)	12-1 Stranded (Green)	2158-92-00*	2000	242	0.538
12-2	12-1 Stranded (Brown)	12-1 Stranded (Gray)	12-1 Stranded (Green)	2158-92-01*	2000	242	0.538
12-3	12-2 Stranded (Black, Red)	12-1 Stranded (White)	12-1 Stranded (Green)	2159-91-00*	1500	230	0.573
12-3	12-2 Stranded (Brown, Orange)	12-1 Stranded (Gray)	12-1 Stranded (Green)	2159-91-01*	1500	230	0.573

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

*Special Order, subject to lead times and minimum order quantities.

Type MC - Interlocked Aluminum Armor

MC Lite 8 AWG and Larger

Conductor				Product Code		Length C=Coil R= Reel		Approx. Weight	Approx. Armor O.D.
Trade Size	Phase Conductor AWG (Color)	Neutral Conductor AWG (Color)	Grounding Conductor AWG (Color)			(ft)	(lb/1000ft)	(in)	
Stranded									
8-2	8-1 Stranded (Black)	8-1 Stranded (White)	10-1 Solid (Green)	2115-40-00	2115-45-00	200 C	500 R	217	0.677
8-2	8-1 Stranded (Black)	8-1 Stranded (White)	10-1 Solid (Green)	2115-60-00	2115-65-00	1,000 R	2,500 R	217	0.677
8-2	8-1 Stranded (Brown)	8-1 Stranded (Gray)	10-1 Solid (Green)	2115-40-01	2115-45-01	200 C	500 R	217	0.677
8-2	8-1 Stranded (Brown)	8-1 Stranded (Gray)	10-1 Solid (Green)	2115-60-01	---	1,000 R	---	217	0.677
8-3	8-2 Stranded (Black, Red)	8-1 Stranded (White)	10-1 Solid (Green)	2116-40-00	2116-45-00	200 C	500 R	296	0.813
8-3	8-2 Stranded (Black, Red)	8-1 Stranded (White)	10-1 Solid (Green)	2116-60-00	2116-65-00	1,000 R	2,500 R	296	0.813
8-3	8-2 Stranded (Brown, Orange)	8-1 Stranded (Gray)	10-1 Solid (Green)	2116-40-01*	2116-45-01	200 C	500 R	296	0.813
8-3	8-2 Stranded (Brown, Orange)	8-1 Stranded (Gray)	10-1 Solid (Green)	2116-60-01	---	1,000 R	---	296	0.813
8-4	8-3 Stranded (Black, Red, Blue)	8-1 Stranded (White)	10-1 Solid (Green)	2117-32-00	2117-45-00	125 C	500 R	363	0.848
8-4	8-3 Stranded (Black, Red, Blue)	8-1 Stranded (White)	10-1 Solid (Green)	2117-60-00	---	1,000 R	---	363	0.848
8-4	8-3 Stranded (Brown, Orange, Yellow)	8-1 Stranded (Gray)	10-1 Solid (Green)	2117-32-01*	2117-45-01	125 C	500 R	363	0.848
8-4	8-3 Stranded (Brown, Orange, Yellow)	8-1 Stranded (Gray)	10-1 Solid (Green)	2117-60-01	---	1,000 R	---	363	0.848
6-2	6-1 Stranded (Black)	6-1 Stranded (White)	8-1 Stranded (Green)	2119-32-00*	2119-45-00*	125 C	500 R	320	0.816
6-2	6-1 Stranded (Black)	6-1 Stranded (White)	8-1 Stranded (Green)	2119-60-00	2119-69-00*	1,000 R	4,000 R	320	0.816
6-2	6-1 Stranded (Brown)	6-1 Stranded (Gray)	8-1 Stranded (Green)	2119-32-01*	2119-45-01*	125 C	500 R	320	0.816
6-2	6-1 Stranded (Brown)	6-1 Stranded (Gray)	8-1 Stranded (Green)	2119-60-01	2119-69-01*	1,000 R	4,000 R	320	0.816
6-3	6-2 Stranded (Black, Red)	6-1 Stranded (White)	8-1 Stranded (Green)	2120-32-00	2120-45-00	125 C	500 R	429	0.855
6-3	6-2 Stranded (Black, Red)	6-1 Stranded (White)	8-1 Stranded (Green)	2120-60-00	---	1,000 R	---	429	0.855
6-3	6-2 Stranded (Brown, Orange)	6-1 Stranded (Gray)	8-1 Stranded (Green)	2120-32-01*	2120-45-01	125 C	500 R	429	0.855
6-3	6-2 Stranded (Brown, Orange)	6-1 Stranded (Gray)	8-1 Stranded (Green)	2120-60-01	2120-69-01*	1,000 R	4,000 R	429	0.855
6-4	6-3 Stranded (Black, Red, Blue)	6-1 Stranded (White)	8-1 Stranded (Green)	2121-30-00	2121-45-00	100 C	500 R	532	1.026
6-4	6-3 Stranded (Black, Red, Blue)	6-1 Stranded (White)	8-1 Stranded (Green)	2121-60-00	---	1,000 R	---	532	1.026
6-4	6-3 Stranded (Brown, Orange, Yellow)	6-1 Stranded (Gray)	8-1 Stranded (Green)	2121-30-01*	2121-45-01	100 C	500 R	532	1.026
6-4	6-3 Stranded (Brown, Orange, Yellow)	6-1 Stranded (Gray)	8-1 Stranded (Green)	2121-60-01	---	1,000 R	---	532	1.026
4-3	4-2 Stranded (Black, Red)	4-1 Stranded (White)	8-1 Stranded (Green)	2124-30-00	2124-45-00	100 C	500 R	617	1.057
4-3	4-2 Stranded (Black, Red)	4-1 Stranded (White)	8-1 Stranded (Green)	2124-60-00	---	1,000 R	---	617	1.057
4-4	4-3 Stranded (Black, Red, Blue)	4-1 Stranded (White)	8-1 Stranded (Green)	2125-45-00	2125-60-00	500 R	1,000 R	845	1.08
3-3	3-2 Stranded (Black, Red)	3-1 Stranded (White)	6-1 Stranded (Green)	2128-45-00	2128-60-00	500 R	1,000 R	788	1.108
3-4	3-3 Stranded (Black, Red, Blue)	3-1 Stranded (White)	6-1 Stranded (Green)	2129-30-00*	2129-45-00	100 C	500 R	1025	1.120
3-4	3-3 Stranded (Black, Red, Blue)	3-1 Stranded (White)	6-1 Stranded (Green)	2129-60-00	---	1,000 R	---	1025	1.120
2-3	2-2 Stranded (Black, Red)	2-1 Stranded (White)	6-1 Stranded (Green)	2126-45-00	2126-60-00	500 R	1,000 R	956	1.152
2-4	2-3 Stranded (Black, Red, Blue)	2-1 Stranded (White)	6-1 Stranded (Green)	2127-45-00	2127-60-00*	500 R	1,000 R	1208	1.225
1-3	1-2 Stranded (Black, Red)	1-1 Stranded (White)	6-1 Stranded (Green)	2137-30-00*	2137-45-00	100 C	500 R	1191	1.313
1-4	1-3 Stranded (Black, Red, Blue)	1-1 Stranded (White)	6-1 Stranded (Green)	2138-30-00*	2138-45-00*	100 C	500 R	1498	1.356

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

*Special Order, subject to lead times and minimum order quantities.

Type MC - Interlocked Galvanized Steel Armor

Armor

- Interlocked Galvanized Steel Strip Color-Coded White with ColorSpec® ID/ColorTrak® ID

Conductors

- Solid Copper

Conductor Insulation

- THHN/THWN

Assembly Covering

- Polypropylene Tape

Neutral Conductor

- White 120/ 208V
- Gray 277/ 480V

Grounding

- Insulated Green Copper Grounding Conductor

Maximum Voltage Rating

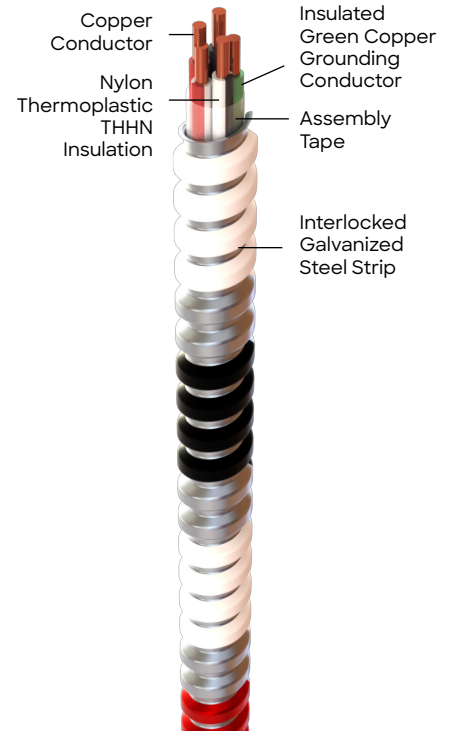
- 600V

Maximum Temperature Rating

- 90°C (Dry)

References & Ratings

- UL 83, 1479, 1569, 1581, 2556, File Reference E80042
- NEC® 230.43, 300.22(C), 330, 392, 396.10(A), 501, 502, 503, 504, 505, 520, 530, 645
- NEC® 300.22 (C) Other Spaces Used For Environmental Air (Plenums)
- UL classified 1, 2, and 3, hour through (Fire) penetration product R14141
- Cable tray rated, install per NEC®
- 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
- Made in USA of US and /or imported materials



Conductor				Product Code		Approx. Weight	Approx. Armor O.D.
Trade Size	Phase Conductor AWG (Color)	Neutral Conductor AWG (Color)	Grounding Conductor AWG (Color)	250' Coil	1000' Reel	(lb/1000ft)	(in)
12-4	12-2 Solid (Black, Red)	12-2 Solid (2)(White)	12-1 Solid (Green)	3904-42-00	3904-60-00	233	0.586
12-4	12-2 Solid (Brown, Orange)	12-2 Solid (2)(Gray)	12-1 Solid (Green)	3904-42-01	3904-60-01	233	0.586
12-4	12-2 Solid (Orange, Yellow)	12-2 Solid (2)(Gray)	12-1 Solid (Green)	3904-42-02*	3904-60-02*	233	0.586
12-4	12-2 Solid (Brown, Yellow)	12-2 Solid (2)(Gray)	12-1 Solid (Green)	3904-42-03*	3904-60-03*	233	0.586
12-4	12-2 Solid (Red, Blue)	12-2 Solid (2)(White)	12-1 Solid (Green)	3904-42-04*	3904-60-04*	233	0.586
12-4	12-2 Solid (Black, Blue)	12-2 Solid (2)(White)	12-1 Solid (Green)	3904-42-05*	3904-60-05*	233	0.586
12-6	12-3 Solid (Black, Red, Blue)	12-3 Solid (3)(White)	12-1 Solid (Green)	3905-42-00	3905-60-00	292	0.623
12-6	12-3 Solid (Brown, Orange, Yellow)	12-3 Solid (3)(Gray)	12-1 Solid (Green)	3905-42-01*	3905-60-01	292	0.623
12-8	12-4 Solid (2) (Black), (2) (Red)	12-4 Solid (4)(White)	12-1 Solid (Green)	3906-42-00	3906-60-00	363	0.701
12-12	12-6 Solid (2) (Black), (2) (Red), (2) (Blue)	12-6 Solid (6)(White)	12-1 Solid (Green)	---	3913-60-00*	531	0.847
10-4	10-2 Solid (Black, Red)	10-2 Solid (2)(White)	10-1 Solid (Green)	3907-42-00	3907-60-00	325	0.660
10-4	10-2 Solid (Brown, Orange)	10-2 Solid (2)(Gray)	10-1 Solid (Green)	3907-42-01*	3907-60-01*	325	0.660
10-6	10-3 Solid (Black, Red, Blue)	10-3 Solid (3)(White)	10-1 Solid (Green)	3908-42-00	3908-60-00	415	0.713
10-6	10-3 Solid (Brown, Orange, Yellow)	10-3 Solid (3)(Gray)	10-1 Solid (Green)	---	3908-60-01	415	0.713
10-8	10-4 Solid (2) (Black), (2) (Red)	10-4 Solid (4)(White)	10-1 Solid (Green)	---	3909-60-00	565	0.856
10-12	10-6 Solid (2) (Black), (2) (Red), (2) (Blue)	10-6 Solid (6)(White)	10-1 Solid (Green)	---	3914-60-00*	761	0.979

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

*Special Order, subject to lead times and minimum order quantities.

Type MC - Interlocked Galvanized Steel Armor

Two Wire	Phase Colors	Neutrals
-00	Black, Red	White w/Red Stripe, White w/Black Stripe
-01	Brown, Orange	Gray w/Brown Stripe, Gray w/Orange Stripe
-02	Orange, Yellow	Gray w/Orange Stripe, Gray w/Yellow Stripe
-03	Brown, Yellow	Gray w/Brown Stripe, Gray w/Yellow Stripe
-04	Red, Blue	White w/Red Stripe, White w/Blue Stripe
-05	Black, Blue	White w/Black Stripe, White w/Blue Stripe
Three Wire	Phase Colors	Neutrals
-00	Black, Red, Blue	White w/Black Stripe, White w/Red Stripe, White w/Blue Stripe
-01	Brown, Orange, Yellow	Gray w/Brown Stripe, White w/Orange Stripe, White w/Yellow Stripe
Four Wire	Phase Colors	Neutrals
-00	Black#1, Black#2, Red#1, Red#2	White w/Black Stripe and Printed 1, White w/Black Stripe and Printed 2, White w/Red Stripe and Printed 1, White w/Red Stripe and Printed 2
Six Wire	Phase Colors	Neutrals
-00	Black#1, Black#2, Red#1, Red#2, Blue#1, Blue#2	White w/Black Stripe and Printed 1, White w/Black Stripe and Printed 2, White w/Blue Stripe and Printed 1, White w/Blue Stripe and Printed 2, White w/Red Stripe and Printed 1, White w/Red Stripe and Printed 2

Type MC - Interlocked Aluminum Armor

Armor

- Interlocked Aluminum Strip

Conductors

- Solid or Stranded Copper

Conductor Insulation

- THHN/THWN

Assembly Covering

- Polypropylene Tape

Neutral Conductor

- White 120/ 208V
- Gray 277/ 480v

Grounding

- Insulated Green Copper Grounding Conductor

Maximum Voltage Rating

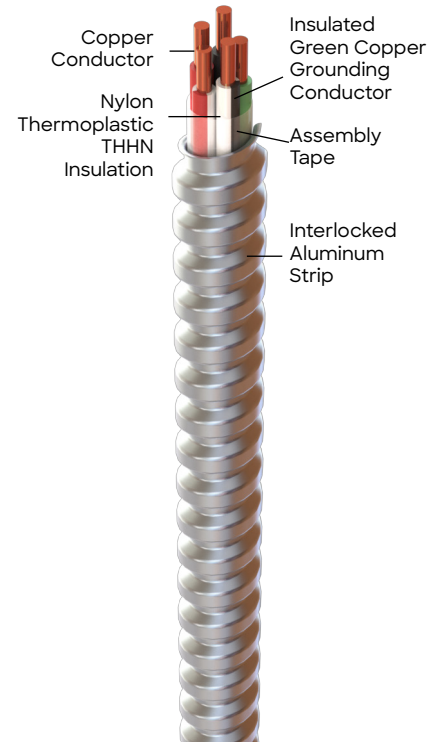
- 600V

Maximum Temperature Rating

- 90°C (Dry)

References & Ratings

- UL 83, 1479, 1569, 1581, 2556, File Reference E80042
- NEC® 230.43, 300.22(C), 330, 392, 396.10(A), 501, 502, 503, 504, 505, 520, 530, 645
- NEC® 300.22 (C) Other Spaces Used For Environmental Air (Plenums)
- UL classified 1, 2, and 3, hour through (Fire) penetration product R14141
- Cable tray rated, install per NEC®
- 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
- Made in USA of US and /or imported materials
- Aluminum armored cables are RoHS compliant



Conductor				Product Code		Approx. Weight	Approx. Armor O.D.
Trade Size	Phase Conductor AWG (Color)	Neutral Conductor AWG (Color)	Grounding Conductor AWG (Color)	250' Coil	1000' Reel	(lb/1000ft)	(in)
Solid							
12-4	12-2 Solid (Black, Red)	12-2 Solid (2)(White)	12-1 Solid (Green)	3604-42-700	3604-60-700	162	0.586
12-4	12-2 Solid (Brown, Orange)	12-2 Solid (2)(Gray)	12-1 Solid (Green)	3604-42-701*	3604-60-701*	162	0.586
12-4	12-2 Solid (Orange, Yellow)	12-2 Solid (2)(Gray)	12-1 Solid (Green)	3604-42-702*	3604-60-702*	162	0.586
12-4	12-2 Solid (Brown, Yellow)	12-2 Solid (2)(Gray)	12-1 Solid (Green)	3604-42-703*	3604-60-703*	162	0.586
12-4	12-2 Solid (Red, Blue)	12-2 Solid (2)(White)	12-1 Solid (Green)	3604-42-704*	3604-60-704*	162	0.586
12-4	12-2 Solid (Black, Blue)	12-2 Solid (2)(White)	12-1 Solid (Green)	3604-42-705*	3604-60-705*	162	0.586
12-6	12-3 Solid (Black, Red, Blue)	12-3 Solid (3)(White)	12-1 Solid (Green)	3605-42-700	3605-60-700	214	0.623
12-6	12-3 Solid (Brown, Orange, Yellow)	12-3 Solid (3)(Gray)	12-1 Solid (Green)	3605-42-701*	3605-60-701	214	0.623
12-8	12-4 Solid (Black, Red, Blue, Pink)	12-4 Solid (4)(White)	12-1 Solid (Green)	3606-42-714	3606-60-714	273	0.701
10-4	10-2 Solid (Black, Red)	10-2 Solid (2)(White)	10-1 Solid (Green)	3607-42-700	3607-60-700	241	0.667
10-4	10-2 Solid (Brown, Orange)	10-2 Solid (2)(Gray)	10-1 Solid (Green)	3607-42-701*	3607-60-701*	241	0.667
10-6	10-3 Solid (Black, Red, Blue)	10-3 Solid (3)(White)	10-1 Solid (Green)	3608-42-700	3608-60-700	323	0.713
10-6	10-3 Solid (Brown, Orange, Yellow)	10-3 Solid (3)(Gray)	10-1 Solid (Green)	3608-42-701*	3608-60-701	323	0.713
10-8	10-4 Solid (Black, Red, Blue, Pink)	10-4 Solid (4)(White)	10-1 Solid (Green)	---	3609-60-714	427	0.856
10-12	10-6 Solid (2)(Black), (2)(Red), (2)(Blue)	10-6 Solid (6)(White)	10-1 Solid (Green)	---	3614-60-700*	598	0.979
Stranded							
12-4	12-2 Stranded (Black, Red)	12-2 Stranded (2)(White)	12-1 Stranded (Green)	3658-42-700	3658-60-700	169	0.613
12-6	12-3 Stranded (Black, Red, Blue)	12-3 Stranded (3)(White)	12-1 Stranded (Green)	3659-42-700	3659-60-700	233	0.650
10-4	10-2 Stranded (Black, Red)	10-2 Stranded (2)(White)	10-1 Stranded (Green)	3661-42-700*	3661-60-700*	268	0.704
10-6	10-3 Stranded (Black, Red, Blue)	10-3 Stranded (3)(White)	10-1 Stranded (Green)	3662-44-700†	3662-60-700	365	0.755

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

*Special Order, subject to lead times and minimum order quantities.

†44" Put-up code is for 250' Reels

Type MC - Interlocked Aluminum Armor

Two Wire	Phase Colors	Neutrals
-700	Black, Red	White w/Red Stripe, White w/Black Stripe
-701	Brown, Orange	Gray w/Brown Stripe, Gray w/Orange Stripe
-702	Orange, Yellow	Gray w/Orange Stripe, Gray w/Yellow Stripe
-703	Brown, Yellow	Gray w/Brown Stripe, Gray w/Yellow Stripe
-704	Red, Blue	White w/Red Stripe, White w/Blue Stripe
-705	Black, Blue	White w/Black Stripe, White w/Blue Stripe
Three Wire	Phase Colors	Neutrals
-700	Black, Red, Blue	White w/Black Stripe, White w/Red Stripe, White w/Blue Stripe
-701	Brown, Orange, Yellow	Gray w/Brown Stripe, White w/Orange Stripe, White w/Yellow Stripe
Four Wire	Phase Colors	Neutrals
-714	Black, Red, Blue, Pink	White w/Black Stripe and Printed 1, White w/Black Stripe and Printed 2, White w/Red Stripe and Printed 1, White w/Red Stripe and Printed 2
Six Wire	Phase Colors	Neutrals
-700	Black#1, Black#2, Red#1, Red#2, Blue#1, Blue#2	White w/Black Stripe and Printed "1", White w/Black Stripe and Printed "2", White w/Blue Stripe and Printed "1", White w/Blue Stripe and Printed "2", White w/ Red Stripe and Printed "1", White w/Red Stripe and Printed "2"

Super Neutral Cable®/Neutral Per Phase or Oversized

Type MC - Interlocked Galvanized Steel Armor

Armor

- Interlocked Galvanized Steel Strip Color-Coded White¹

Conductors

- Solid Copper
- Stranded Copper: 8AWG and larger

Conductor Insulation

- THHN/THWN

Assembly Covering

- Polypropylene Tape

Neutral Conductor

- White 120/208V
- Gray 277/480V

Grounding

- One or more Insulated Green Copper Grounding Conductor(s)

Maximum Voltage Rating

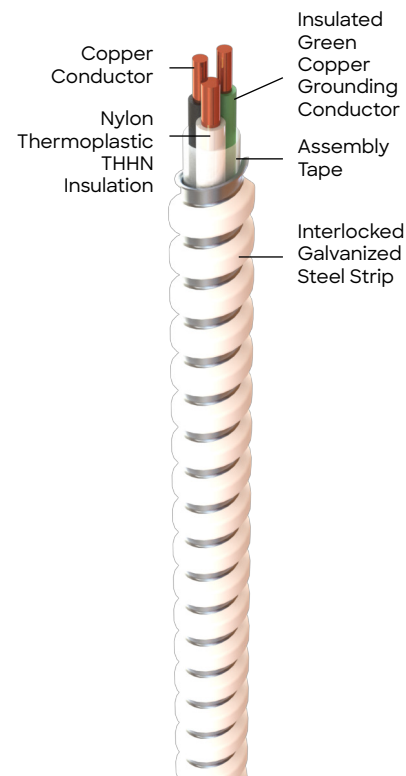
- 600V

Maximum Temperature Rating

- 90°C (Dry)

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), 501, 502, 503, 504, 505, 520, 530, 645
- NEC® 300.22 (C) Other Spaces Used For Environmental Air (Plenums)
- UL classified 1, 2, and 3, hour through (Fire) penetration product R14141
- Cable tray rated, install per NEC®
- 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
- Made in USA of US and /or imported materials



Conductor				Product Code		Approx. Weight	Approx. Armor O.D.
Trade Size	Phase Conductor AWG (Color)	Neutral Conductor AWG (Color)	Grounding Conductor AWG (Color)	250' Coils	1000' Reel	(lb/1000ft)	(in)
Oversize Neutral Design							
12-3/10-1N	12-3 Solid (Black, Red, Blue)	10-1 Solid (White)	12-1 Solid (Green)	---	2910-60-00	253	0.605
12-4/10-2N	12-4 Solid (Black, Red, Blue, Pink)	10-2 Solid (White, White w/Black Stripe)	12-2 Solid (Green, Green w/Yellow Stripe)	2918-42-00	2918-60-00	366	0.670
10-4/8-2N	10-4 Solid (Black, Red, Blue, Pink)	8-2 Stranded (White, White w/Black Stripe)	10-2 Solid (Green, Green w/Yellow Stripe)	---	2970-60-00	614	0.877
Neutral Per Phase Design							
12-4 I.G. ²	12-2 Solid (Black, Red)	12-2 Solid (White w/Black Stripe, White w/Red Stripe)	12-2 Solid (Green, Green w/Yellow Stripe)	2916-42-00	2916-60-00	282	0.620
12-6 I.G. ²	12-3 Solid (Black, Red, Blue)	12-3 Solid (White w/Black Stripe, White w/Red Stripe, White w/Blue Stripe)	12-2 Solid (Green, Green w/Yellow Stripe)	2911-42-00	2911-60-00	344	0.659
10-6 I.G. ²	10-3 Solid (Black, Red, Blue)	10-3 Solid (White w/Black Stripe, White w/Red Stripe, White w/Blue Stripe)	10-2 Solid (Green, Green w/Yellow Stripe)	---	2912-60-00	510	0.808

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

¹Aluminum Armor available by special order and subject to lead times and minimum order quantities.

²I.G. = Isolated Ground, an additional insulated green copper grounding conductor with yellow marker

*Special Order, subject to lead times and minimum order quantities.

Type MC - Interlocked Galvanized Steel Armor

Armor

- Interlocked Galvanized Steel Strip¹

Conductors

- Solid Copper²

Conductor Insulation

- THHN/THWN

Assembly Covering

- Polypropylene Tape

Neutral Conductors

- White 120/208V

Grounding

- Insulated Green Grounding Conductor³

Maximum Voltage Rating

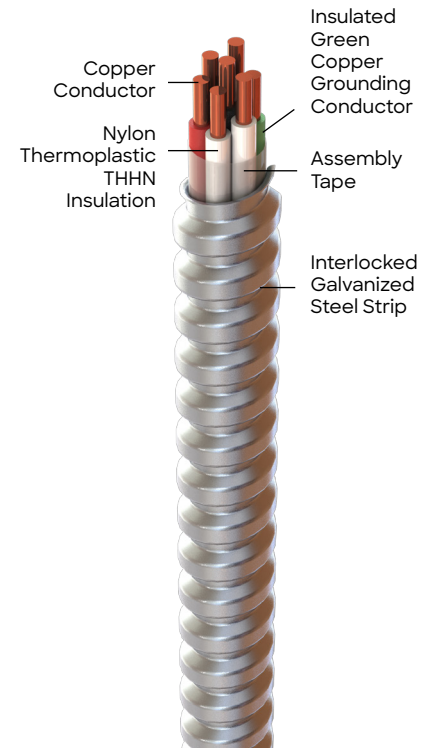
- 600V

Maximum Temperature Rating

- 90°C (Dry)

References & Ratings

- UL 83, 1479, 1569, 1581, 2556, File Reference E80042
- NEC® 230.43, 300.22(C), 330, 392, 396.10(A), 501, 502, 503, 504, 505, 520, 530, 645
- NEC® 300.22 (C) Other Spaces Used For Environmental Air (Plenums)
- Conductors must be derated per NEC® Table 310.15(C)(1)
- UL classified 1, 2, and 3, hour through (Fire) penetration product R14141
- Cable tray rated, install per NEC®
- 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
- Made in USA of US and /or imported materials



Product Code	Trade Size			Product Code	Length Reel	Approx. Weight	Approx. Armor O.D.
Trade Size	Phase Conductor AWG (Color)	Neutral Conductor AWG (Color)	Grounding Conductor AWG (Color)	Reels	(ft)	(lb/1000ft)	(in)
12-6	12-4 Solid (2) (Black), (2) (Red)	12-2 Solid (2) (White)	12-1 Solid (Green)	1901-60-00	1000	292	0.623
12-8	12-6 Solid (2) (Black), (2) (Red), (2) (Blue)	12-2 Solid (2) (White)	12-1 Solid (Green)	1902-60-00	1000	381	0.698
10-6	10-4 Solid (2) (Black), (2) (Red)	10-2 Solid (2) (White)	10-1 Solid (Green)	1911-60-00	1000	415	0.713
10-5	10-6 Solid (2) (Black), (2) (Red), (2) (Blue)	10-2 Solid (2) (White)	10-1 Solid (Green)	1905-60-00	1000	565	0.856
10-12	10-9 Solid (3) (Black), (3) (Red), (3) (Blue)	10-3 Solid (3) (White)	10-1 Solid (Green)	1927-99-00*	‡	762	0.979
10-16	10-12 Solid (4) (Black), (4) (Red), (4) (Blue)	10-4 Solid (4) (White)	10-1 Solid (Green)	1928-99-00*	‡	992	1.073

Note: All dimensions and weights are subject to normal manufacturing tolerances. Other conductor colors available by special order. Each conductor is numbered for easy identification.

¹Aluminum Armor available by special order and subject to lead times and minimum order quantities.

²Stranded conductors available by special order and subject to lead times and minimum order quantities.

³Additional Grounding conductors available as a special.

*Special Order, subject to lead times and minimum order quantities

‡Cut to order.

Four Wire - Phase Colors	Phase Colors	Neutrals
1901-60-00	Black#1, Black#2, Red#1, Red#2	White#1, White#2
1911-60-00	"Black#1, Black#2, Red#1, Red#2"	White#1, White#2
Six Wire - Phase Colors	Six Wire - Phase Colors	Neutrals
1902-60-00	Black#1, Black#2, Red#1, Red#2, Blue#1, Blue#2	White#1, White#2
1905-60-00	Black#1, Black#2, Red#1, Red#2, Blue#1, Blue#2	White#1, White#2
Nine Wire - Phase Colors	Nine Wire - Phase Colors	Three Wire - Neutrals
1927-99-00*	Black#1, Black#2, Black#3 Red#1, Red#2, Red#3 Blue#1, Blue#2, Blue#3	White#1, White#2, White#3
Twelve Wire - Phase Colors	Twelve Wire - Phase Colors	Four Wire - Neutrals
1928-99-00*	Black#1, Black#2, Black#3, Black#4 Red#1, Red#2, Red#3, Red#4 Blue#1, Blue#2, Blue#3, Blue#4	White#1, White#2, White#3, White#4

Parking Deck/Lot Cable™

Type MC - Interlocked Galvanized Steel Armor with Overall PVC Jacket

Armor

- Interlocked Galvanized Steel Strip w/ Gray PVC Jacket

Conductors

- Solid or Stranded Copper

Conductors Insulation

- THHN/THWN

Assembly Covering

- Polypropylene Tape

Neutral Conductors

- White 120/208V
- Gray 277/480V

Grounding

- Insulated Green Copper Grounding Conductor

Maximum Temperature Rating

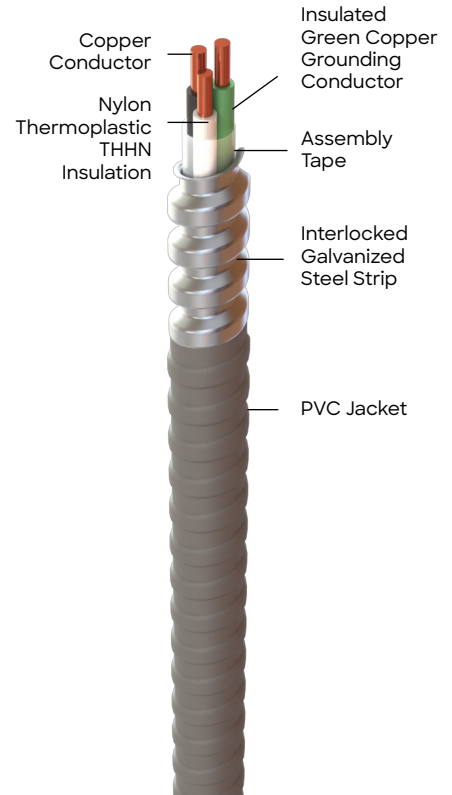
- 90°C (Dry)
- 75°C (Wet)

Maximum Voltage Rating

- 600V

References & Ratings

- UL 83,1569,1581, 2556, File Reference E80042
- NEC® 230.43, 300.5, 330, 392, 396.10(A), 501, 502, 503, 504, 505, 511.7, 513.7(A), 514.7, 515.7(A), 516.7(A), 530, 680.21(A)
- Hazardous locations up to Class I & II, Div. 2 and Class III, Div. 1 & 2 (NEC® Articles 501, 502, 503, 530)
- UL Listed for direct burial including concrete encasement and wet locations
- UL Listed for - 40 C low temperature
- UL Listed Sunlight Resistant
- UL Listed Oil Resistant II
- Wet Locations per NEC® 330.10(11)(C)
- Federal Specification A-A-59544 (formerly J-C-30B)
- Cable tray rated, install per NEC®
- Made in USA of US and /or imported materials



Conductor				Product Code		Length		Approx. Weight	Approx. Armor O.D.	Approx. Overall Jacket O.D.
Trade Size	Phase Conductor AWG (Color)	Neutral Conductor AWG (Color)	Grounding Conductor AWG (Color)	250' Coil	1000' Reel	Coil (ft)	Reel (ft)	(lb/1000ft)	(in)	(in)
Solid										
12-2	12-1 Solid (Black)	12-1 Solid (White)	12-1 Solid (Green)	2304-42-00	2304-60-00	250	1000	241	0.514	0.614
12-2	12-1 Solid (Brown)	12-1 Solid (Gray)	12-1 Solid (Green)	2304-42-01	2304-60-01	250	1000	241	0.514	0.614
12-3	12-2 Solid (Black, Red)	12-1 Solid (White)	12-1 Solid (Green)	2305-42-00	2305-60-00	250	1000	278	0.547	0.647
12-3	12-2 Solid (Brown, Orange)	12-1 Solid (Gray)	12-1 Solid (Green)	2305-42-01	2305-60-01	250	1000	278	0.547	0.647
12-4	12-3 Solid (Black, Blue, Red)	12-1 Solid (White)	12-1 Solid (Green)	2306-42-00	2306-60-00	250	1000	318	0.583	0.683
12-4	12-3 Solid (Brown, Orange, Yellow)	12-1 Solid (Gray)	12-1 Solid (Green)	2306-42-01	2306-60-01*	250	1000	318	0.583	0.683
10-2	10-1 Solid (Black)	10-1 Solid (White)	10-1 Solid (Green)	2307-42-00	2307-60-00	250	1000	310	0.579	0.679
10-2	10-1 Solid (Brown)	10-1 Solid (Gray)	10-1 Solid (Green)	2307-42-01*	2307-60-01	250	1000	310	0.579	0.679
10-3	10-2 Solid (Black, Red)	10-1 Solid (White)	10-1 Solid (Green)	2308-42-00	2308-60-00	250	1000	347	0.619	0.696
10-3	10-2 Solid (Brown, Orange)	10-1 Solid (Gray)	10-1 Solid (Green)	2308-42-01*	2308-60-01*	250	1000	347	0.619	0.696
10-4	10-3 Solid (Black, Blue, Red)	10-1 Solid (White)	10-1 Solid (Green)	2309-42-00*	2309-60-00*	250	1000	391	0.664	0.743
10-4	10-3 Solid (Brown, Orange, Yellow)	10-1 Solid (Gray)	10-1 Solid (Green)	2309-42-01*	2309-60-01*	250	1000	391	0.664	0.743
Stranded										
8-3	8-2 Stranded (Black, Red)	8-1 Stranded (White)	10-1 Solid (Green)	2316-99-00*		††	††	550	0.767	0.867
6-3	6-2 Stranded (Black, Red)	6-1 Stranded (White)	8-1 Solid (Green)	2320-99-00*		††	††	757	0.950	1.050

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

*Special Order, subject to lead times and minimum order quantities.

†Cut to order

Parking Deck/Lot Cable™

Type MC - Interlocked Galvanized Steel Armor with Overall PVC Jacket

Connectors

Product Code	Catalog Number	Thread Size	Cable Trade Size	Carton Count		Weight/C Pounds	Dimension A	Dimension B	Dimension C
		(in)		Inner	Master				
Straight Connectors									
0124-15-00	AFC595U	½ Connector	12-2 to 10-2	15	60	11.7	1-¾"	1 ⅞"	1 ⅞"
0125-15-00	AFC595I	½ Insulated Connector	12-2 to 10-2 (Insulated)	15	60	11.7	1-¾"	1 ⅞"	1-7/32"
0126-15-00	AFC596U	½ Connector	10-3 to 8-2	15	60	16.5	1-¾"	1 ⅞"	1 ⅞"
0127-15-00	AFC596I	½ Insulated Connector	10-3 to 8-2 (Insulated)	15	60	16.5	1-¾"	1 ⅞"	1 ⅞"
90° Connectors									
0128-10-00	AFC895U	½ 90° Connector	12-2 to 10-2	10	60	-	-	-	-
0129-10-00	AFC895I	½ 90° Insulated Connector	12-2 to 10-2	10	60	-	-	-	-

Notes: Use AFC595 or AFC895 for 12-2, 12-3, 12-4, 10-2
Use AFC 596 for 10-3 and 10-4

Type MC Cables - Specialty Cables

Type MCI-A - Interlocked Aluminum Armor

Armor

- Interlocked Aluminum Strip

Conductors

- Solid or Stranded Copper

Conductors Insulation

- THHN/THWN w/ Protective Polypropylene Covering

Assembly Covering

- Wrap Free design

Neutral Conductor

- White 120/208V
- Gray 277/480V

Grounding

- Combined Armor and Full-Sized Aluminum Ground/Bond Wire

Maximum Voltage Rating

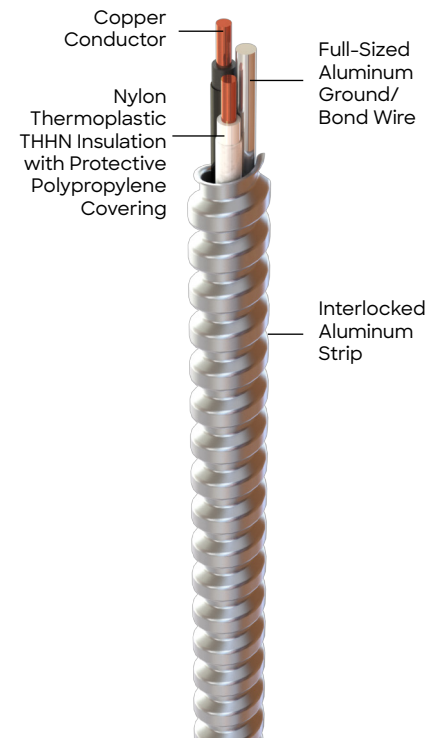
- 600V

Maximum Temperature Rating

- 90°C (Dry)

References & Ratings

- UL 83,1479,1569,1581, 2556, File Reference E80042
- NEC® 230, 250, 300, 330, 392, 396, 501, 502, 503, 505, 518, 520, 530, 645
- NEC® 300.22 (C) Other Spaces Used For Environmental Air (Plenums)
- UL classified 1, 2, and 3, hour through (Fire) penetration product R14141
- Cable tray rated, install per NEC®
- 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
- Made in USA of US and /or imported materials
- Aluminum armored cables are RoHS compliant
- U.S. Patent 8,088,977



Conductor				Product Code		Approx. Weight	Approx. x. Armor O.D.
Trade Size	Phase Conductor AWG (Color)	Neutral Conductor AWG (Color)	Bare Alum. Bonding /Bond Wire AWG	250' Coil	1000' Reel	(lb/1000ft)	(in)
Solid							
14-2	14-1 Solid (Black)	14-1 Solid (White)	12-1 Solid	3101Z42-00	3101Z60-00	66	0.422
14-3	14-2 Solid (Black, Red)	14-1 Solid (White)	12-1 Solid	3102Z42-00	3102Z60-00	88	0.467
12-2	12-1 Solid (Black)	12-1 Solid (White)	10-1 Solid	3104Z42-00	3104Z60-00	90	0.463
12-2	12-1 Solid (Brown)	12-1 Solid (Gray)	10-1 Solid	3104Z42-01	3104Z60-01	90	0.463
12-2	12-1 Solid (Orange)	12-1 Solid (Gray)	10-1 Solid	3104Z42-02*	3104Z60-02*	90	0.463
12-2	12-1 Solid (Yellow)	12-1 Solid (Gray)	10-1 Solid	3104Z42-03*	3104Z60-03*	90	0.463
12-2	12-1 Solid (Red)	12-1 Solid (White)	10-1 Solid	3104Z42-04*	3104Z60-04*	90	0.463
12-2	12-1 Solid (Blue)	12-1 Solid (White)	10-1 Solid	3104Z42-05*	3104Z60-05*	90	0.463
12-3	12-2 Solid (Black, Red)	12-1 Solid (White)	10-1 Solid	3105Z42-00	3105Z60-00	122	0.523
12-3	12-2 Solid (Brown, Orange)	12-1 Solid (Gray)	10-1 Solid	3105Z42-01	3105Z60-01	122	0.523
12-4	12-3 Solid (Black, Red, Blue)	12-1 Solid (White)	10-1 Solid	3106Z42-00	3106Z60-00	167	0.565
10-2	10-1 Solid (Black)	10-1 Solid (White)	8-1 Solid	3107Z42-00	3107Z60-00	131	0.525
10-2	10-1 Solid (Brown)	10-1 Solid (Gray)	8-1 Solid	3107Z42-01*	3107Z60-01*	131	0.525
10-3	10-2 Solid (Black, Red)	10-1 Solid (White)	8-1 Solid	3108Z42-00	3108Z60-00*	178	0.601
10-4	10-3 Solid (Black, Red, Blue)	10-1 Solid (White)	8-1 Solid	3109Z42-00*	3109Z60-00*	224	0.651

Continues on next page

Type MCI-A - Interlocked Aluminum Armor

Conductor				Product Code		Approx. Weight	Approx. Armor O.D.
Trade Size	Phase Conductor AWG (Color)	Neutral Conductor AWG (Color)	Bare Alum. Bonding / Bond Wire AWG	250' Coil	1000' Reel	(lb/1000ft)	(in)
Stranded							
12-2	12-1 Stranded (Black)	12-1 Stranded (White)	10-1 Solid	3158Z42-00	3158Z60-00	94	0.482
12-2	12-1 Stranded (Brown)	12-1 Stranded (Gray)	10-1 Solid	3158Z42-01	3158Z60-01	94	0.482
12-2	12-1 Stranded (Orange)	12-1 Stranded (Gray)	10-1 Solid	3158Z42-02*	3158Z60-02*	94	0.482
12-2	12-1 Stranded (Yellow)	12-1 Stranded (Gray)	10-1 Solid	3158Z42-03*	3158Z60-03*	94	0.482
12-2	12-1 Stranded (Red)	12-1 Stranded (White)	10-1 Solid	3158Z42-04*	3158Z60-04*	94	0.482
12-2	12-1 Stranded (Blue)	12-1 Stranded (White)	10-1 Solid	3158Z42-05*	3158Z60-05*	94	0.482
12-3	12-2 Stranded (Black, Red)	12-1 Stranded (White)	10-1 Solid	3159Z42-00	---	127	0.539
12-3	12-2 Stranded (Brown, Orange)	12-1 Stranded (Gray)	10-1 Solid	3159Z42-01*	---	127	0.539
12-4	12-3 Stranded (Black, Red, Blue)	12-1 Stranded (White)	10-1 Solid	3160Z42-00*	---	158	0.585
12-4	12-3 Stranded (Brown, Orange, Yellow)	12-1 Stranded (Gray)	10-1 Solid	3160Z42-01*	---	158	0.585
10-2	10-1 Stranded (Black)	10-1 Stranded (White)	8-1 Solid	3161Z42-00*	---	151	0.552
10-2	10-1 Stranded (Brown)	10-1 Stranded (Gray)	8-1 Solid	3161Z42-01*	---	151	0.552
10-3	10-2 Stranded (Black, Red)	10-1 Stranded (White)	8-1 Solid	3162Z42-00*	---	202	0.625
10-3	10-2 Stranded (Brown, Orange)	10-1 Stranded (Gray)	8-1 Solid	3162Z42-01*	---	202	0.625
10-4	10-3 Stranded (Black, Red, Blue)	10-1 Stranded (White)	8-1 Solid	3163Z42-00*	---	261	0.680
10-4	10-3 Stranded (Brown, Orange, Yellow)	10-1 Stranded (Gray)	8-1 Solid	3163Z42-01*	---	261	0.680

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

*Special Order, subject to lead times and minimum order quantities.

Use with an MCI-A listed Connector

MC Quik Lite - Gaylord Packaging Solution

Conductor				Product Code	Length	Approx. Weight	Approx. Armor O.D.
Trade Size	Phase Conductor AWG (Color)	Neutral Conductor AWG (Color)	Bare Alum. Ground/ Bond Wire AWG		(ft)	(lb/1000ft)	(in)
Solid							
12-2	12-1 Solid (Black)	12-1 Solid (White)	10-1 Solid	3104Z76-00*	6000	90	0.463

Barrel Packaging Solution

Conductor				Product Code	Length	Approx. Weight	Approx. Armor O.D.
Trade Size	Phase Conductor AWG (Color)	Neutral Conductor AWG (Color)	Bare Alum. Ground/ Bond Wire AWG		(ft)	(lb/Barrel length)	(in)
Solid							
12-2	12-1 Solid (Black)	12-1 Solid (White)	10-1 Solid	3104Z93-00	2500	245	0.463
12-2	12-1 Solid (Brown)	12-1 Solid (Gray)	10-1 Solid	3104Z93-01	2500	245	0.463
Stranded							
12-2	12-1 Stranded (Black)	12-1 Stranded (White)	10-1 Solid	3158Z92-00*	2500	208	0.482
12-2	12-1 Stranded (Brown)	12-1 Stranded (Gray)	10-1 Solid	3158Z92-01*	2500	208	0.482

Type MCI-A - Interlocked Aluminum Armor

Armor

- Interlocked Aluminum Strip
- Color-Coded Lime Green with ColorSpec® ID/ColorTrak® ID

Conductors

- Solid or Stranded Copper

Conductor Insulation

- THHN/THWN w/ Protective Polypropylene Covering

Assembly Covering

- Wrap free design

Neutral Conductors

- White 120/208V
- Gray 277/480V

Grounding

- Dual Grounding Means:
 - (1) Combined Armor and Full-Sized Aluminum Ground /Bond Wire
 - (2) Insulated Green Copper Grounding Conductor

Maximum Voltage Rating

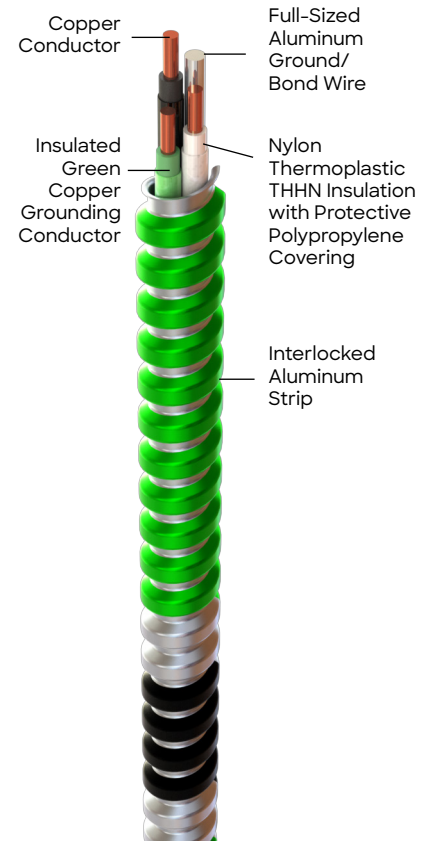
- 600V

Maximum Temperature Rating

- 90°C (Dry)

References & Ratings

- UL 83,1479,1569,1581, 2556, File Reference E80042
- NEC® 230, 250, 300, 330, 392, 396, 501, 502, 503, 505, 517, 518, 520, 530, 645
- NEC® 300.22 (C) Other Spaces Used For Environmental Air (Plenums)
- UL classified 1, 2, and 3, hour through (Fire) penetration product R14141
- Cable tray rated, install per NEC®
- 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
- Made in USA of US and /or imported materials
- Aluminum armored cables are RoHS compliant
- U.S. Patent 8,088,977



Conductor					Product Code		Approx. Weight	Approx. Armor O.D.
Trade Size	Phase Conductor AWG (Color)	Neutral Conductor AWG (Color)	Grounding Conductor AWG (Color)	Bare Alum. Bonding / Bond Wire AWG	250' Coil	1000' Reel	(lb/1000ft)	(in)
Solid								
12-2	12-1 Solid (Black)	12-1 Solid (White)	12-1 Solid (Green)	10-1 Solid	5804-42-00	5804-60-00	122	0.523
12-2	12-1 Solid (Brown)	12-1 Solid (Gray)	12-1 Solid (Green)	10-1 Solid	5804-42-01	5804-60-01	122	0.523
12-2	12-1 Solid (Orange)	12-1 Solid (Gray)	12-1 Solid (Green)	10-1 Solid	5804-42-02*	5804-60-02*	122	0.523
12-2	12-1 Solid (Yellow)	12-1 Solid (Gray)	12-1 Solid (Green)	10-1 Solid	5804-42-03*	5804-60-03*	122	0.523
12-2	12-1 Solid (Red)	12-1 Solid (White)	12-1 Solid (Green)	10-1 Solid	5804-42-04*	5804-60-04*	122	0.523
12-2	12-1 Solid (Blue)	12-1 Solid (White)	12-1 Solid (Green)	10-1 Solid	5804-42-05*	5804-60-05*	122	0.523
12-3	12-2 Solid (Black, Red)	12-1 Solid (White)	12-1 Solid (Green)	10-1 Solid	5805-42-00	5805-60-00	152	0.565
12-3	12-2 Solid (Brown, Orange)	12-1 Solid (Gray)	12-1 Solid (Green)	10-1 Solid	5805-42-01*	5805-60-01*	152	0.565
12-4	12-3 Solid (Black, Red, Blue)	12-1 Solid (White)	12-1 Solid (Green)	10-1 Solid	5806-42-00	5806-60-00	201	0.618
12-4	12-3 Solid (Brown, Orange, Yellow)	12-1 Solid (Gray)	12-1 Solid (Green)	10-1 Solid	5806-42-01*	5806-60-01*	201	0.618
10-2	10-1 Solid (Black)	10-1 Solid (White)	10-1 Solid (Green)	8-1 Solid	5807-42-00	5807-60-00	178	0.601
10-2	10-1 Solid (Brown)	10-1 Solid (Gray)	10-1 Solid (Green)	8-1 Solid	5807-42-01*	5807-60-01*	178	0.601
10-3	10-2 Solid (Black, Red)	10-1 Solid (White)	10-1 Solid (Green)	8-1 Solid	5808-42-00*	5808-60-00*	235	0.651
10-4	10-3 Solid (Black, Red, Blue)	10-1 Solid (White)	10-1 Solid (Green)	8-1 Solid	5809-42-00*	5809-60-00*	301	0.716

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Type MCI-A - Interlocked Aluminum Armor

Type MCI-A Cables

Conductor					Product Code		Approx. Weight	Approx. Armor O.D.
Trade Size	Phase Conductor AWG (Color)	Neutral Conductor AWG (Color)	Grounding Conductor AWG (Color)	Bare Alum. Bonding / Bond Wire AWG	250' Coil	1000' Reel	(lb/1000ft)	(in)
Stranded								
12-2	12-1 Stranded (Black)	12-1 Stranded (White)	12-1 Stranded (Green)	10-1 Solid	5858-42-00	5858-60-00	127	0.539
12-2	12-1 Stranded (Brown)	12-1 Stranded (Gray)	12-1 Stranded (Green)	10-1 Solid	5858-42-01	5858-60-01*	127	0.539
12-3	12-2 Stranded (Black, Red)	12-1 Stranded (White)	12-1 Stranded (Green)	10-1 Solid	5859-42-00	5858-60-00*	164	0.585
12-4	12-2 Stranded (Black, Red, Blue)	12-1 Stranded (White)	12-1 Stranded (Green)	10-1 Solid	5860-42-00*	5860-60-00*	211	0.645

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

*Special Order, subject to lead times and minimum order quantities.

Use With an MCI-A Listed Connector

Type MCI-A - Interlocked Aluminum Armor

Armor

- Interlocked Aluminum Strip
- Color-Coded Lime Green

Conductors

- Solid Copper

Conductor Insulation

- THHN/THWN w/ Protective Polypropylene Covering

Assembly Covering

- Wrap Free design

Neutral Conductors

- White 120/208V

Grounding

- Dual Grounding Means:
 - (1) Combined Armor and Full-Sized Aluminum Ground/Bond Wire
 - (2) Insulated Green Copper Grounding Conductor

Maximum Voltage Rating

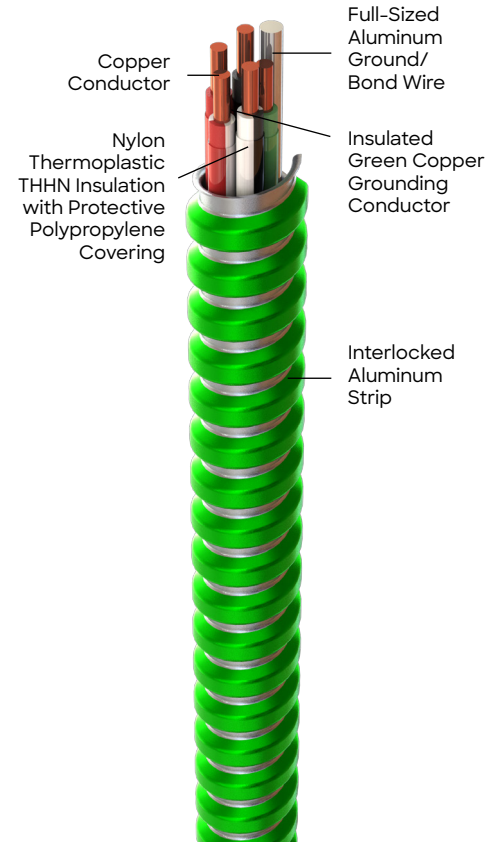
- 600V

Maximum Temperature Rating

- 90°C (Dry)

References & Ratings

- UL 83,1479,1569,1581, 2556, File UL 83,1479,1569,1581, 2556, File Reference E80042
- NEC® 230, 250, 300, 330, 392, 396, 501, 502, 503, 505, 517, 518, 520, 530, 645
- NEC® 300.22 (C) Other Spaces Used For Environmental Air (Plenums)
- UL classified 1, 2, and 3, hour through (Fire) penetration product R14141
- Cable tray rated, install per NEC®
- 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
- Made in USA of US and /or imported materials
- Aluminum armored cables are RoHS compliant
- U.S. Patent 8,088,977



Conductor					Product Code	Approx. Weight	Approx. Armor O.D.
Trade Size	Phase Conductor AWG (Color)	Neutral Conductor AWG (Color)	Grounding Conductor AWG (Color)	Bare Alum. Ground/Bond Wire AWG	1000' Reel	(lb/1000ft)	(in)
12-4	12-2 Solid (Black, Red)	12-2 Solid (White w/Black Stripe, White w/Red Stripe)	12-1 Solid (Green)	10-1 Solid	7304-60-00	187	0.663
12-6	12-3 Solid (Black, Red, Blue)	12-3 Solid (White w/Black Stripe, White w/Red Stripe, White w/Blue Stripe)	12-1 Solid (Green)	10-1 Solid	7305-60-00	256	0.706
10-4	10-2 Solid (Black, Red)	10-2 Solid (White w/Black Stripe, White w/Red Stripe)	10-1 Solid (Green)	8-1 Solid	7307-60-00*	291	0.770
10-6	10-3 Solid (Black, Red, Blue)	10-3 Solid (White w/Black Stripe, White w/Red Stripe, White w/Blue Stripe)	10-1 Solid (Green)	8-1 Solid	7308-60-00	398	0.893

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

*Special Order, subject to lead times and minimum order quantities.

Use With an MCI-A Listed Connectors



MC Glide Luminary Lite™

Type MC-PCS - Interlocked Aluminum Armor

Armor

- Interlocked Aluminum Strip

Conductors

- Solid or Stranded Copper (Power)
- Solid Copper (Control)

Conductors Insulation

- THHN/THWN (Power)
- TFN (Control)

Assembly Covering

- Polypropylene Tape

Neutral Conductors

- White 120/208V
- Gray 277/480V

Grounding

- Insulated Green Copper Grounding Conductor

Control Cables

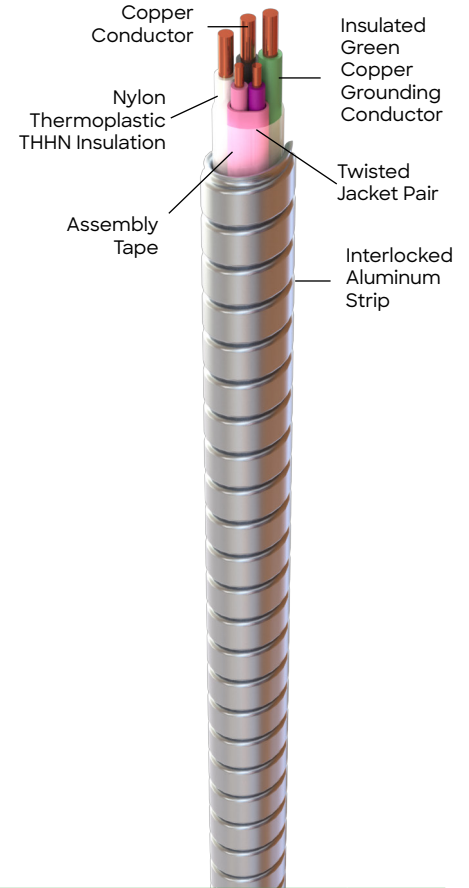
- 16 AWG Solid TFN Twisted jacketed pair (Purple/Pink)

Maximum Voltage Rating

- 600V

References & Ratings

- UL 66, 83, 1479, 1569, 1581, 2556, File Reference E80042
- NEC® 250.118(I), 300.22(C), 330, 392, 396, 501, 502, 503, 504, 505, 518, 520, 530, 645, 725.136(I)(1)
- NEC® 300.22 (C) Other Spaces Used For Environmental Air (Plenums)
- Power and/or lighting as well as signal and/or control conductors per NEC® section 725.136 (I)(1)
- UL classified 1, 2, and 3, hour through (Fire) penetration product R14141
- Cable tray rated, install per NEC®
- 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
- Made in USA of US and /or imported materials
- Aluminum armored cables are RoHS compliant
- U.S. Patent 10,431,353
- U.S. Design Patent D935,731 | D996,374



Conductor					Product Code		Approx. Weight	Approx. Armor O.D.
Trade Size	Phase Conductor AWG (Color)	Neutral Conductor AWG (Color)	Grounding Conductor AWG (Color)	Control Conductors AWG (Colors)	250' Coil	1000' Reel	(lb/1000ft)	(in)
Solid Power								
12-2	12-1 Solid (Black)	12-1 Solid (White)	12-1 Solid (Green)	16-2 Solid (TPJ) (Purple, Pink)	AL04-42-L00	AL04-60-L00	145	0.570
12-2	12-1 Solid (Brown)	12-1 Solid (Gray)	12-1 Solid (Green)	16-2 Solid (TPJ) (Purple, Pink)	AL04-42-L01	AL04-60-L01	145	0.570
12-2	12-1 Solid (Orange)	12-1 Solid (Gray)	12-1 Solid (Green)	16-2 Solid (TPJ) (Purple, Pink)	AL04-42-L02	AL04-60-L02	145	0.570
12-2	12-1 Solid (Yellow)	12-1 Solid (Gray)	12-1 Solid (Green)	16-2 Solid (TPJ) (Purple, Pink)	AL04-42-L03	AL04-60-L03	145	0.570
12-2	12-1 Solid (Red)	12-1 Solid (White)	12-1 Solid (Green)	16-2 Solid (TPJ) (Purple, Pink)	AL04-42-L04*	AL04-60-L04*	145	0.570
12-2	12-1 Solid (Blue)	12-1 Solid (White)	12-1 Solid (Green)	16-2 Solid (TPJ) (Purple, Pink)	AL04-42-L05*	AL04-60-L05*	145	0.570
12-2	12-1 Solid (Pink)	12-1 Solid (Gray)	12-1 Solid (Green)	16-2 Solid (TPJ) (Purple, Pink)	AL04-42-L08*	AL04-60-L08*	145	0.570
Stranded Power								
12-2	12-1 Stranded (Black)	12-1 Stranded (White)	12-1 Stranded (Green)	16-2 Solid (TPJ) (Purple, Pink)	AL58-42-L00	AL58-60-L00	148	0.575
12-2	12-1 Stranded (Brown)	12-1 Stranded (Gray)	12-1 Stranded (Green)	16-2 Solid (TPJ) (Purple, Pink)	AL58-42-L01	AL58-60-L01	148	0.575
12-2	12-1 Stranded (Orange)	12-1 Stranded (Gray)	12-1 Stranded (Green)	16-2 Solid (TPJ) (Purple, Pink)	AL58-42-L02*	AL58-60-L02*	148	0.575
12-2	12-1 Stranded (Yellow)	12-1 Stranded (Gray)	12-1 Stranded (Green)	16-2 Solid (TPJ) (Purple, Pink)	AL58-42-L03*	AL58-60-L03*	148	0.575

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

*Special Order, subject to lead times and minimum order quantities

MC Luminary Cable is intended for use in non-shielded applications

Type MC-PCS - Interlocked Aluminum Armor

Armor

- Interlocked Aluminum Strip

Conductors

- Solid or Stranded Copper (Power)
- Solid Copper (Control)

Conductors Insulation

- THHN/THWN (Power)
- TFN (Control)

Assembly Covering

- Polypropylene Tape

Neutral Conductors

- White 120/208V
- Gray 277/480V

Grounding

- Insulated Green Copper Grounding Conductor

Control Cables

- 16 AWG Solid TFN Twisted Pink Jacketed Pair (Purple/Pink)

Maximum Voltage Rating

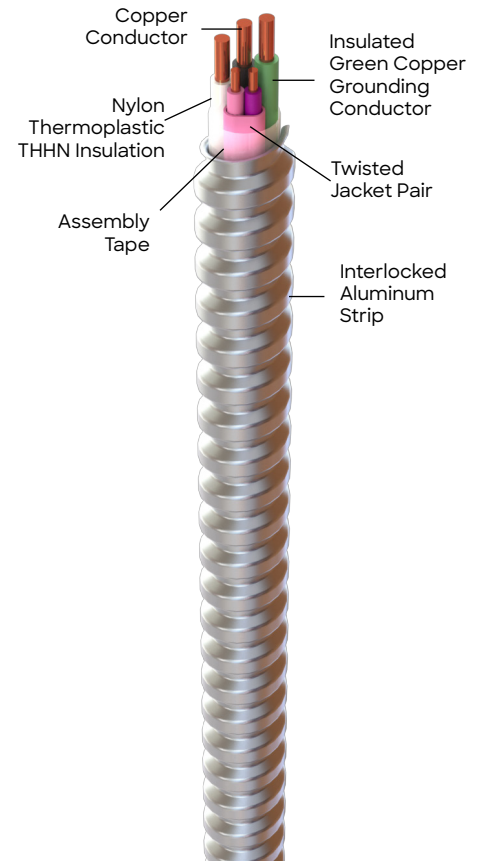
- 600V

Maximum Temperature Rating

- 90°C (Dry)

References & Ratings

- UL 66, 83, 1479, 1569, 1581, 2556, File Reference E80042
- NEC® 250.118(I), 300.22(C), 330, 392, 396, 501, 502, 503, 504, 505, 518, 520, 530, 645, 725.136(I)(1)
- NEC® 300.22 (C) Other Spaces Used For Environmental Air (Plenums)
- Power and/or lighting as well as signal and/or control conductors per NEC® section 725.136 (I)(1)
- UL classified 1, 2, and 3, hour through (Fire) penetration product R14141
- Cable tray rated, install per NEC®
- 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
- Made in USA of US and /or imported materials
- Aluminum armored cables are RoHS compliant
- U.S. Patent 10,431,353



Type MC-PCS Cables

Conductor					Product Code		Approx. Weight	Approx. Armor O.D.
Trade Size	Phase Conductor AWG (Color)	Neutral Conductor AWG (Color)	Grounding Conductor AWG (Color)	Control Conductors AWG (Colors)	250' Coil	1000' Reel	(lb/1000ft)	(in)
Solid Power								
12-3	12-2 Solid (Black, Red)	12-1 Solid (White)	12-1 Solid (Green)	16-2 Solid (TPJ) (Purple, Pink)	18BG-42-L00	18BG-60-L00	183	0.653
12-3	12-2 Solid (Brown, Orange)	12-1 Solid (Gray)	12-1 Solid (Green)	16-2 Solid (TPJ) (Purple, Pink)	18BG-42-L01	18BG-60-L01	183	0.653
10-2	10-1 Solid (Black)	10-1 Solid (White)	10-1 Solid (Green)	16-2 Solid (TPJ) (Purple, Pink)	18BH-42-L00	18BH-60-L00	202	0.670
10-2	10-1 Solid (Brown)	10-1 Solid (Gray)	10-1 Solid (Green)	16-2 Solid (TPJ) (Purple, Pink)	18BH-42-L01	18BH-60-L01	202	0.670
Stranded Power								
12-3	12-2 Stranded (Black, Red)	12-1 Stranded (White)	12-1 Stranded (Green)	16-2 Solid (TPJ) (Purple, Pink)	18SI-42-L00	18SI-60-L00	184	0.654
12-3	12-2 Stranded (Brown, Orange)	12-1 Stranded (Gray)	12-1 Stranded (Green)	16-2 Solid (TPJ) (Purple, Pink)	18SI-42-L01	18SI-60-L01*	184	0.654

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

*Non-stock items require lead time and minimum quantity order.

MC Luminary Cable is intended for use in non-shielded applications

Gaylord Packaging Solution

Product Code	Trade Size				Product Code		Approx. Weight	Approx. Armor O.D.
	Phase Conductor AWG (Color)	Neutral Conductor AWG (Color)	Grounding Conductor AWG (Color)	Control Conductors AWG (Colors)	250' Coil	1000' Reel	(lb/1000ft)	(in)
Solid								
12-2	12-1 Solid (Black)	12-1 Solid (White)	12-1 Solid (Green)	16-2 Solid (TPJ) (Purple, Pink)	18BF-76-L00*	6000	156	0.596
12-2	12-1 Solid (Brown)	12-1 Solid (Gray)	12-1 Solid (Green)	16-2 Solid (TPJ) (Purple, Pink)	18BF-76-L01*	6000	156	0.596

MC Glide Luminary Tuff™

Type MC-PCS - Interlocked Galvanized Steel Armor

Type MC-PCS Cables

Armor

- Interlocked Galvanized Steel Strip

Conductors

- Solid or Stranded Copper (Power)
- Solid Copper (Control)

Conductors Insulation

- THHN/THWN (Power)
- TFN (Control)

Assembly Covering

- Polypropylene Tape

Neutral Conductor

- White 120/208V
- Gray 277/480V

Grounding

- Insulated Green Copper Grounding Conductor

Control Cables

- 16 AWG Solid TFN Twisted jacketed pair (Purple/Pink)

Maximum Voltage Rating

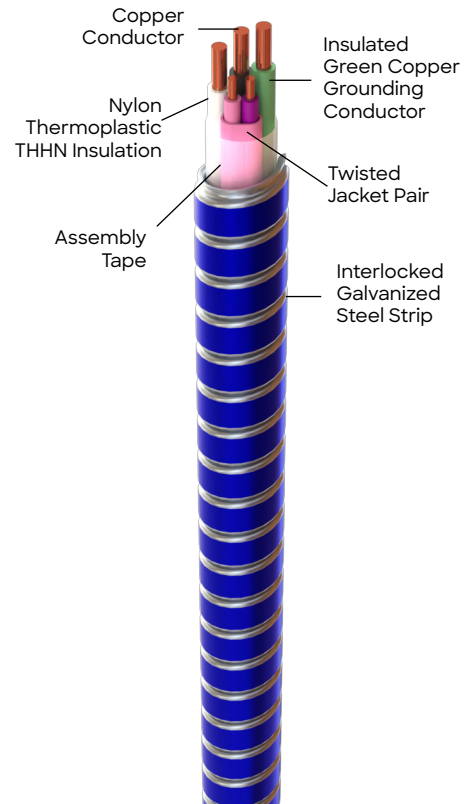
- 600V

Maximum Temperature Rating

- 90°C (Dry)

References & Ratings

- UL 66, 83, 1479, 1569, 1581, 2556, File Reference E80042
- NEC® 250.118(I), 300.22(C), 330, 392, 396, 501, 502, 503, 504, 505, 518, 520, 530, 645, 725.136(I)(1)
- NEC® 300.22 (C) Other Spaces Used For Environmental Air (Plenums)
- Power and/or lighting as well as signal and/or control conductors per NEC® section 725.136 (I)(1)
- UL classified 1, 2, and 3, hour through (Fire) penetration product R14141
- Cable tray rated, install per NEC®
- 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
- Made in USA of US and /or imported materials
- U.S. Patent 10,431,353
- U.S. Design Patent D935,731 | D996,374



Conductor					Product Code		Approx. Weight	Approx. Armor O.D.
Trade Size	Phase Conductor AWG (Color)	Neutral Conductor AWG (Color)	Bare Alum. Bonding/ Bond Cond. AWG	Control Conductors AWG (Colors)	250' Coil	1000' Reel	(lb/1000ft)	(in)
Solid								
12-2	12-1 Solid (Black)	12-1 Solid (White)	12-1 Solid (Green)	16-2 Solid (TPJ) (Purple, Pink)	SL04B42-L00	SL04B60-L00	208	0.560
12-2	12-1 Solid (Brown)	12-1 Solid (Gray)	12-1 Solid (Green)	16-2 Solid (TPJ) (Purple, Pink)	SL04B42-L01	SL04B60-L01	208	0.560
12-2	12-1 Solid (Orange)	12-1 Solid (Gray)	12-1 Solid (Green)	16-2 Solid (TPJ) (Purple, Pink)	SL04B42-L02	SL04B60-L02	208	0.560
12-2	12-1 Solid (Yellow)	12-1 Solid (Gray)	12-1 Solid (Green)	16-2 Solid (TPJ) (Purple, Pink)	SL04B42-L03	SL04B60-L03	208	0.560
12-2	12-1 Solid (Red)	12-1 Solid (White)	12-1 Solid (Green)	16-2 Solid (TPJ) (Purple, Pink)	SL04B42-L04	SL04B60-L04	208	0.560
12-2	12-1 Solid (Blue)	12-1 Solid (White)	12-1 Solid (Green)	16-2 Solid (TPJ) (Purple, Pink)	SL04B42-L05	SL04B60-L05	208	0.560
12-2	12-1 Solid (Purple)	12-1 Solid (Gray)	12-1 Solid (Green)	16-2 Solid (TPJ) (Purple, Pink)	SL04B42-L07*	--	208	0.560
Stranded								
12-2	12-1 Stranded (Black)	12-1 Stranded (White)	12-1 Stranded (Green)	16-2 Solid (TPJ) (Purple, Pink)	SL58B42-L00*	SL58B60-L00	213	0.565
12-2	12-1 Stranded (Brown)	12-1 Stranded (Gray)	12-1 Stranded (Green)	16-2 Solid (TPJ) (Purple, Pink)	SL58B42-L01*	SL58B60-L01	213	0.565

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

*Special Order, subject to lead times and minimum order quantities

MC Luminary Cable is intended for use in non-shielded applications

Type MC-PCS - Interlocked Galvanized Steel Armor

Armor

- Interlocked Galvanized Strip

Conductors

- Solid or Stranded Copper (Power)
- Solid Copper (Control)

Conductors Insulation

- THHN/THWN (Power)
- TFN (Control)

Assembly Covering

- Polypropylene Tape

Neutral Conductor

- White 120/208V
- Gray 277/480V

Grounding

- Insulated Green Copper Grounding Conductor

Control Cables

- 16 AWG Solid TFN Twisted jacketed pair (Purple/Pink)

Maximum Voltage Rating

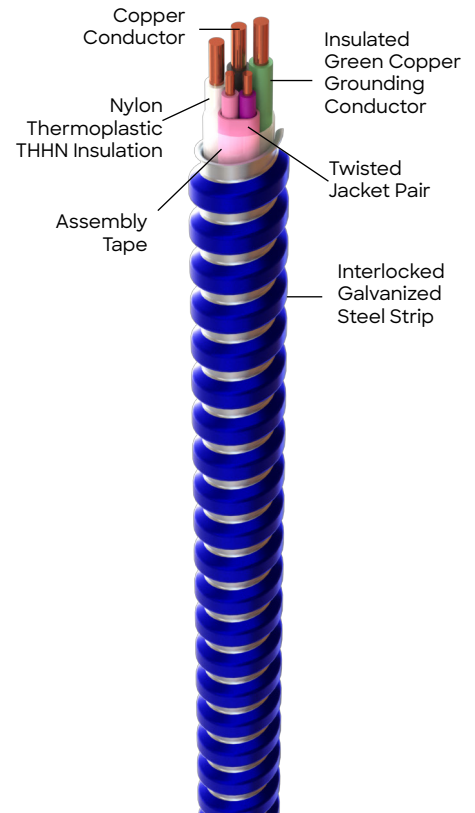
- 600V

Maximum Temperature Rating

- 90°C (Dry)

References & Ratings

- UL 66, 83, 1479, 1569, 1581, 2556, File Reference E80042
- NEC® 250.118(I), 300.22(C), 330, 392, 396, 501, 502, 503, 504, 505, 518, 520, 530, 645, 725.136(I)(1)
- NEC® 300.22 (C) Other Spaces Used For Environmental Air (Plenums)
- Power and/or lighting as well as signal and/or control conductors per NEC® section 725.136 (I)(1)
- UL classified 1, 2, and 3, hour through (Fire) penetration product R14141
- Cable tray rated, install per NEC®
- 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
- Made in USA of US and /or imported materials
- U.S. Patent 10,431,353



Type MC-PCS Cables

Conductor					Product Code		Approx. Weight	Approx. Armor O.D.
Trade Size	Phase Conductor AWG (Color)	Neutral Conductor AWG (Color)	Grounding Conductor AWG (Color)	Control Conductors AWG (Colors)	250' Coil	1000' Reel	(lb/1000ft)	(in)
Solid								
12-3	12-2 Solid (Black, Red)	12-1 Solid (White)	12-1 Solid (Green)	16-2 Solid (TPJ) (Purple, Pink)	18BMB42TL00	18BMB60TL00	242	0.613
12-3	12-2 Solid (Brown, Orange)	12-1 Solid (Gray)	12-1 Solid (Green)	16-2 Solid (TPJ) (Purple, Pink)	18BMB42TL01	18BMB60TL01	242	0.613
10-2	10-1 Solid (Black)	10-1 Solid (White)	10-1 Solid (Green)	16-2 Solid (TPJ) (Purple, Pink)	18BKB42TL00*	18BKB60TL00	266	0.670
10-2	10-1 Solid (Brown)	10-1 Solid (Gray)	10-1 Solid (Green)	16-2 Solid (TPJ) (Purple, Pink)	--	18BKB60TL01	266	0.670

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

*Special Order, subject to lead times and minimum order quantities
MC Luminary Cable is intended for use in non-shielded applications

MC Luminary® PVC Jacketed

Type MC-PCS - Interlocked Galvanized Steel Armor

TyType MC-PCS Cables

Armor

- Interlocked Galvanized Steel Strip w/ Charcoal Gray PVC Jacket

Conductors

- Solid Copper (Power)
- Solid Copper (Control)

Conductors Insulation

- THHN/THWN (Power)
- TFN (Control)

Assembly Covering

- Polypropylene Tape

Neutral Conductor

- White 120/208V
- Gray 277/480V

Grounding

- Insulated Green Copper Grounding Conductor

Control Cables

- 16 AWG Solid TFN Twisted Pink Jacketed Pair (Purple/Pink)

Maximum Temperature Rating

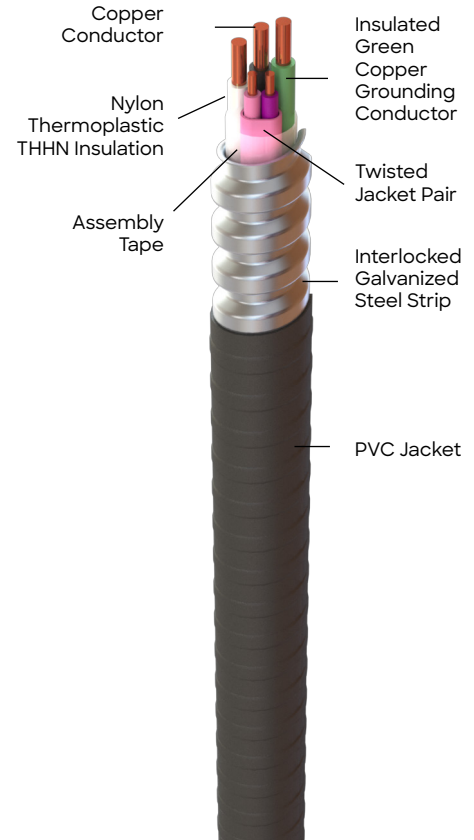
- 90°C (Dry); 75°C (Wet)

Maximum Voltage Rating

- 600V

References & Ratings

- UL 66,83,1479,1569,1581, 2556, File Reference E80042
- NEC® 250.118(I), 300.22(C), 330, 392, 396, 501, 502, 503, 504, 505, 518, 520, 530, 645, 725.136(I)(1)
- NEC® 300.22 (C) Other Spaces Used For Environmental Air (Plenums)
- Power and/or lighting as well as signal and/or control conductors per NEC® section 725.136 (I)(1)
- UL classified 1, 2, and 3, hour through (Fire) penetration product R14141
- UL listed for direct burial in earth or concrete encasement
- Listed for -40°C low temperature use
- Sunlight and oil resistant with direct plow-in capability
- Cable tray rated, install per NEC®
- Federal Specification A-A-59544 (formerly J-C-30B)
- Meets all applicable OSHA and HUD requirements
- Made in USA of US and /or imported materials
- U.S. Patent 10,431,353



Conductor					Product Code		Approx. Weight	Approx. Armor O.D.	Approx. Overall Jacket O.D.	PVC Jacket Color
Trade Size	Phase Conductor AWG (Color)	Neutral Conductor AWG (Color)	Grounding Conductor AWG (Color)	Control Conductors AWG (Colors)	250' Coil	1000' Reel	(lb/1000ft)	(in)	(in)	
12-2	12-1 Solid (Black)	12-1 Solid (White)	12-1 Solid (Green)	16-2 Solid (TPJ) (Purple, Pink)	LJ04-42-L00	LJ04-60-L00	326	0.636	0.736	Charcoal Gray
12-2	12-1 Solid (Brown)	12-1 Solid (Gray)	12-1 Solid (Green)	16-2 Solid (TPJ) (Purple, Pink)	LJ04-42-L01	LJ04-60-L01	326	0.636	0.736	Charcoal Gray

Note: All dimensions and weights are subject to normal manufacturing tolerances. Other conductor colors available by special order. *Special Order, subject to lead times and minimum order quantities

MC Luminary Cable is intended for use in non-shielded applications

Recommend Atkore Fittings:

Atkore-596-U Uninsulated Trade Size ½"

Atkore-596-I Insulated Trade Size ½"

MC Luminary Quik® Lite

Type MC-PCS - Interlocked Aluminum Armor

Armor

- Interlocked Aluminum Strip

Conductors

- Solid or Stranded Copper (Power)
- Solid Copper (Control)

Conductors Insulation

- THHN/THWN w/ Protective Polypropylene Covering (Power)
- TFN (Control)

Assembly Covering

- Wrap Free design

Neutral Conductor

- White 120/208V
- Gray 277/480V

Grounding

- Combined Armor and Full-Sized Aluminum Ground/Bond Wire

Control Cables

- 16 AWG Solid TFN Twisted jacketed pair (Purple/Pink)

Maximum Voltage Rating

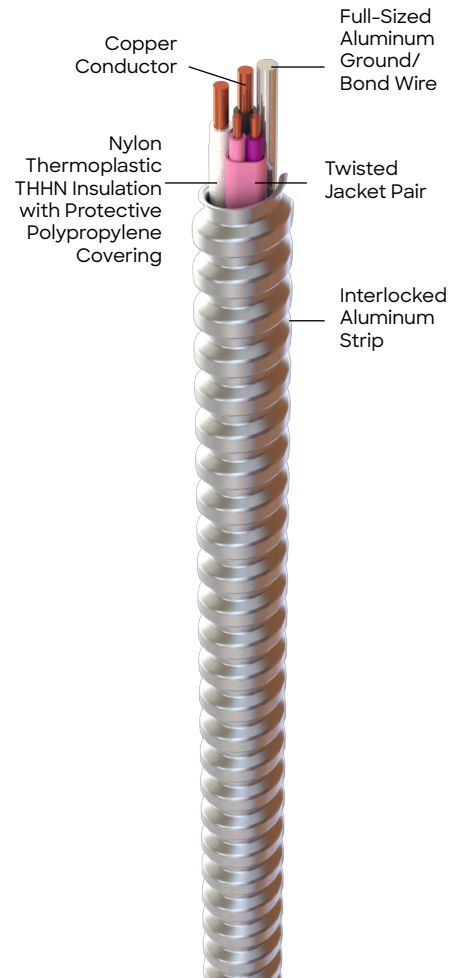
- 600V

Maximum Temperature Rating

- 90°C (Dry)

References & Ratings

- UL 66, 83, 1479, 1569, 1581, 2556, File Reference E80042
- NEC® 250.118(I), 300.22(C), 330, 392, 396, 501, 502, 503, 504, 505, 518, 520, 530, 645, 725.136(I)(1)
- NEC® 300.22 (C) Other Spaces Used For Environmental Air (Plenums)
- Power and/or lighting as well as signal and/or control conductors per NEC® section 725.136 (I)(1)
- UL classified 1, 2, and 3, hour through (Fire) penetration product R14141
- Cable tray rated, install per NEC®
- 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
- Made in USA of US and /or imported materials
- Aluminum armored cables are RoHS compliant
- U.S. Patent 8,088,977 | 10,431,353



Type MC-PCS Cables

Conductor					Product Code		Approx. Weight	Approx. Armor O.D.
Trade Size	Phase Conductor AWG (Color)	Neutral Conductor AWG (Color)	Bare Alum. Bonding/ Bond Wire. AWG	Control Conductors AWG (Colors)	250' Coil	1000' Reel	(lb/1000ft)	(in)
Solid Power								
12-2	12-1 Solid (Black)	12-1 Solid (White)	10-1 Solid	16-2 Solid (TPJ) (Purple, Pink)	MC04-42-L00	MC04-60-L00	166	0.747
12-2	12-1 Solid (Brown)	12-1 Solid (Gray)	10-1 Solid	16-2 Solid (TPJ) (Purple, Pink)	MC04-42-L01	MC04-60-L01	166	0.747
12-3	12-2 Solid (Black, Red)	12-1 Solid (White)	10-1 Solid	16-2 Solid (TPJ) (Purple, Pink)	MC05-42-L00	---	190	0.769
12-3	12-2 Solid (Brown, Orange)	12-1 Solid (Gray)	10-1 Solid	16-2 Solid (TPJ) (Purple, Pink)	MC05-42-L01	---	190	0.769
Stranded Power								
12-2	12-1 Stranded (Black)	12-1 Stranded (White)	10-1 Solid	16-2 Solid (TPJ) (Purple, Pink)	MC58-42-L00	---	171	0.759
12-2	12-1 Stranded (Brown)	12-1 Stranded (White)	10-1 Solid	16-2 Solid (TPJ) (Purple, Pink)	MC58-42-L01	---	171	0.759
12-3	12-2 Stranded (Black, Red)	12-1 Stranded (White)	10-1 Solid	16-2 Solid (TPJ) (Purple, Pink)	MC59-42-L00	---	202	0.784
12-3	12-2 Stranded (Brown, Orange)	12-1 Stranded (White)	10-1 Solid	16-2 Solid (TPJ) (Purple, Pink)	MC59-42-L01	---	202	0.784

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

Also available with Steel armor. Other conductor colors available by special order.

*Special Order, subject to lead times and minimum order quantities

MC Luminary Cable is intended for use in non-shielded applications

Use with an MCI-A listed Connector

MC Luminary HCF® Lite

Type MC-PCS - Interlocked Aluminum Armor

Type MC-PCS Cables

Armor

- Interlocked Aluminum Strip
- Color-Coded Lime Green

Conductors

- Solid or Stranded Copper (Power)
- Solid Copper (Control)

Conductors Insulation

- THHN/THWN w/ Protective Polypropylene Covering (Power)
- TFN (Control)

Assembly Covering

- Wrap Free design

Neutral Conductor

- White 120/208V
- Gray 277/480V

Grounding

- Dual Grounding Means:
 - (1) Combined Armor and Full-Sized Aluminum Ground/Bond Wire
 - (2) Insulated Green Copper Grounding Conductor

Control Cables

- 16 AWG Solid TFN Twisted jacketed pair (Purple/Pink)

Maximum Voltage Rating

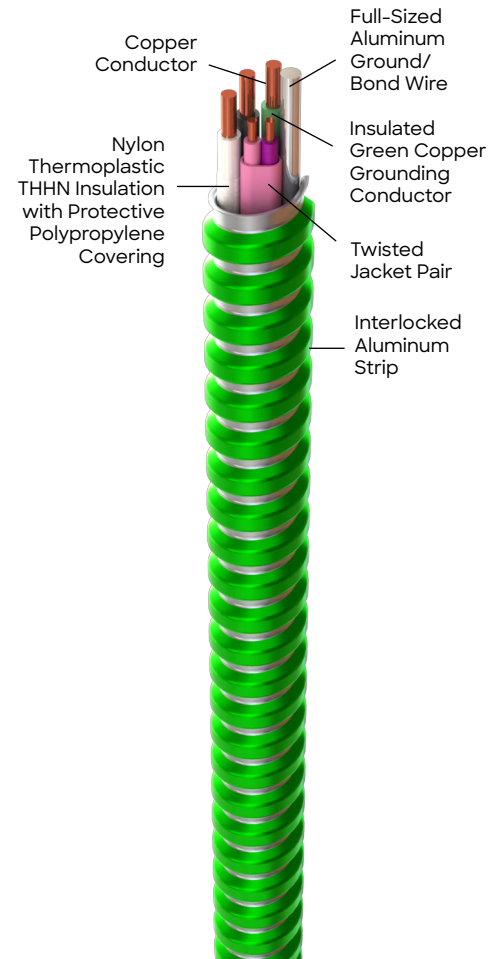
- 600V

Maximum Temperature Rating

- 90°C (Dry)

References & Ratings

- UL 66, 83, 1479, 1569, 1581, 2556, File Reference E80042
- NEC® 250.118(I), 300.22(C), 330, 392, 396, 501, 502, 503, 504, 505, 518, 520, 530, 645, 725.136(I)(1)
- NEC® 300.22 (C) Other Spaces Used For Environmental Air (Plenums)
- Power and/or lighting as well as signal and/or control conductors per NEC® section 725.136 (I)(1)
- UL classified 1, 2, and 3, hour through (Fire) penetration product R14141
- Cable tray rated, install per NEC®
- 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
- Made in USA of US and /or imported materials
- Aluminum armored cables are RoHS compliant
- U.S. Patent 8,088,977 | 10,431,353



Conductor						Product Code		Approx. Weight	Approx. Armor O.D.
Trade Size	Phase Conductor AWG (Color)	Neutral Conductor AWG (Color)	Grounding Conductor AWG (Color)	Bare Alum. Bonding/ Bond Wire AWG	Control Conductors AWG (Colors)	250' Coil	1000' Reel	(lb/1000ft)	(in)
Solid Power									
12-2	12-1 Solid (Black)	12-1 Solid (White)	12-1 Solid (Green)	10-1 Solid	16-2 Solid (TPJ) (Purple, Pink)	LH04-42-L00	LH04-60-L00	207	0.708
12-2	12-1 Solid (Brown)	12-1 Solid (Gray)	12-1 Solid (Green)	10-1 Solid	16-2 Solid (TPJ) (Purple, Pink)	LH04-42-L01	LH04-60-L01	207	0.708
12-2	12-1 Solid (Orange)	12-1 Solid (Gray)	12-1 Solid (Green)	10-1 Solid	16-2 Solid (TPJ) (Purple, Pink)	LH04-42-L02*	LH04-60-L02*	207	0.708
12-2	12-1 Solid (Yellow)	12-1 Solid (Gray)	12-1 Solid (Green)	10-1 Solid	16-2 Solid (TPJ) (Purple, Pink)	LH04-42-L03*	LH04-60-L03*	207	0.708
12-3	12-2 Solid (Black, Red)	12-1 Solid (White)	12-1 Solid (Green)	10-1 Solid	16-2 Solid (TPJ) (Purple, Pink)	LH05-42-L00	LH05-60-L00	238	0.756
12-3	12-2 Solid (Brown, Orange)	12-1 Solid (Gray)	12-1 Solid (Green)	10-1 Solid	16-2 Solid (TPJ) (Purple, Pink)	LH05-42-L01	LH05-60-L01	238	0.756
Stranded Power									
12-2	12-1 Stranded (Black)	12-1 Stranded (White)	12-1 Stranded (Green)	10-1 Solid	16-2 Solid (TPJ) (Purple, Pink)	LH58-42-L00	---	213	0.725
12-2	12-1 Stranded (Brown)	12-1 Stranded (Gray)	12-1 Stranded (Green)	10-1 Solid	16-2 Solid (TPJ) (Purple, Pink)	LH58-42-L01*	---	213	0.725

Note: All dimensions and weights are subject to normal manufacturing tolerances. Also available with Steel armor. Other conductor colors available by special order.

*Special Order, subject to lead times and minimum order quantities

MC Luminary Cable is intended for use in non-shielded applications. Use with an MCI-A listed Connector



Fire Alarm Cables Features & Benefits

Armored Power Limited Fire Alarm Cable Type FPLP - Interlocked Galvanized Steel Armor

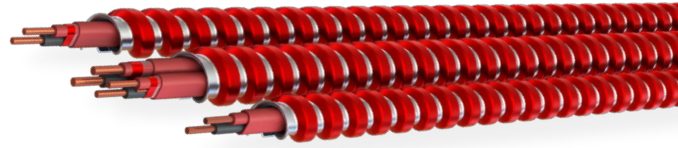
Features & Benefits

- Cable System. Technically equivalent and economically superior to traditional raceway and wire installations.
- Red Steel Armor with optional phase ID painted directly onto the armor for added identification.
- TPJs. Jacketed twisted pairs come with ripcord for ease of termination. Shielded TPJs available. Two TPJ configurations available
- Made in USA of US and/or imported materials

Applications

- Fire alarm wiring or remote-control hook-up connecting main fire alarm control panel with pull stations, smoke detectors and alarms, remote control circuits from magnetic motor starters, contractor, relays and signals.

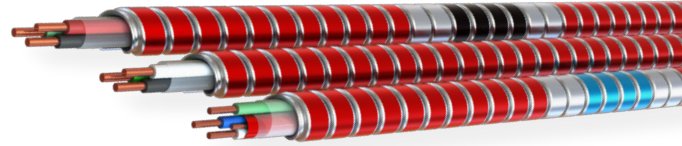
Refer to Page 71



Fire Alarm Cables Features & Benefits

MC Glide Fire Alarm/Control Cable™ - Dual Rated Type MC/ FPLP - Interlocked Galvanized Steel Armor

U.S. Design Patent D935,731 | D996,374



Features & Benefits

- Cable System. Technically equivalent and economically superior to traditional raceway and wire installations.
- Red Steel Armor with optional phase ID painted directly onto the armor for added identification.*
- Easier Pulls. U.S. Patented armor profile is designed to reduce fatigue on your workers when pulling cable through metal studs and ceilings.
- Time Savings. From the first pull, installing MC Glide Tuff will be smoother, faster, and easier to work with.
- Minimize Damage. Less resistance means less opportunity for cable hang ups, that may knock down studs or damage dry wall.
- No need for new tools. Works with the same tools, fittings and supports as traditional MC Cables.
- Improved Cable Bend Memory. The new profile of MC Glide tends to lay flatter than legacy MC cable, notably reducing curling or bend memory issues.
- Made in USA of US and/or imported materials

*Rhode Island Fire Alarm Code Compliant configuration available. Additional stripe color corresponding to conductor color is added to armor.

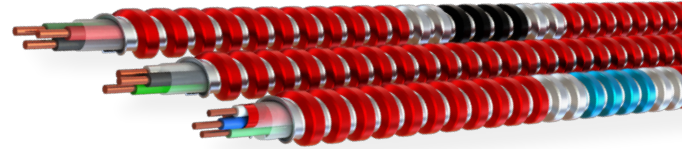
Applications

- Fire alarm wiring or remote-control hook-up connecting main fire alarm control panel with pull stations, smoke detectors and alarms, remote control circuits from magnetic motor starters, contractor, relays and signals.
- Can be exposed or concealed, fished, surface mounted, embedded in plaster, environmental air-handling spaces, open or messenger supported aerial runs, dry locations, hazardous locations to Class I & II Div. 2 and Class III, Div. 1 & 2 (per NEC® Articles 501, 502, 503, 530)

Refer to Page 72

Fire Alarm Cables Features & Benefits

Fire Alarm/Control Cable™ - Dual Rated Type MC/FPLP - Interlocked Galvanized Steel Armor



Features & Benefits

- Cable System. Technically equivalent and economically superior to traditional raceway and wire installations.
- Red Steel Armor with optional phase ID painted directly onto the armor for added identification.*
- Made in USA of US and/or imported materials

*Rhode Island Fire Alarm Code Compliant configuration available. Additional stripe color corresponding to conductor color is added to armor.

Applications

- Fire alarm wiring or remote-control hook-up connecting main fire alarm control panel with pull stations, smoke detectors and alarms, remote control circuits from magnetic motor starters, contractor, relays and signals.
- Can be exposed or concealed, fished, surface mounted, embedded in plaster, environmental air-handling spaces, open or messenger supported aerial runs, dry locations, hazardous locations to Class I & II Div. 2 and Class III, Div. 1 & 2 (per NEC® Articles 501, 502, 503, 530)

Refer to Page 73

Power Limited Fire Alarm Cable

Type FPLP - Interlocked Galvanized Steel Armor

Armor

- Interlocked Galvanized Steel Strip Color-Coded Red

Conductors

- Solid Copper

Conductor Insulation

- Low-Smoke Plenum PVC Insulation
- Aluminum/Polyester Tape Shield w/ Tinned Copper Drain Wire²

Jacket

- Red Plenum-Rated low Smoke PVC
- Nylon Ripcord for Ease of Jacket Stripping

Maximum Voltage Rating

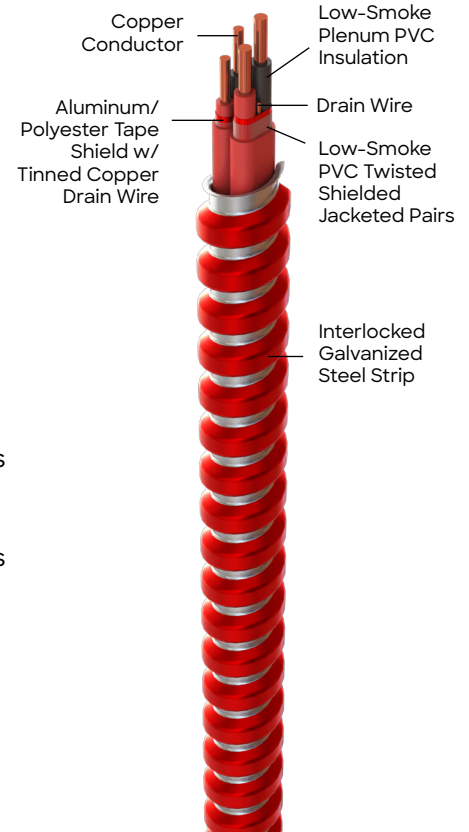
- 300V

Maximum Continuous Operating Temperature

- 10°C to 75°C

References & Ratings

- Manufactured in accordance with UL 1424 - Standard for Power-Limited Fire-Alarm Circuits and Listed under UL File Number E83514
- UL Classified Through-Penetrating product (XHLY) in accordance with UL 1479 under UL File Number R14141
- For use in accordance with NEC® Article 760 Part III Power-Limited Fire Alarm (PLFA) Circuits and other applicable sections of the NEC®
- Suitable for use as taps for fire and sprinkler alarms in accordance with NEC® 230.82(5)
- Suitable for use in Health Care Facilities Patient Care Spaces in accordance with NEC® 517.80
- Suitable for use in Health Care Facilities for other than Patient Care Spaces in accordance with NEC® 517.81
- Suitable for connection to the life safety branch in accordance with NEC® 517.33(C) AND 517.43(C)
- Made in USA of US and /or imported materials



Conductor	Product Code		Approx. Weight	Approx. Armor O.D.	Capacitance	Impedance (Ω)	Twist per Foot
Trade Size (Color)	250' Coil	1000' Reel	(lb/1000ft)	(in)	pF/foot	Per 1000ft @ 20C	
Unshielded							
18-2 Solid TPJ (Black, Red)	PL01R42-06	PL01R60-06	108	0.445	31	59	2.0
18-4 Solid TPJ (Black, Red, Blue, Yellow)	PL03R42-46	PL03R60-46	121	0.445	24	59	2.4
16-2 Solid TPJ (Black, Red)	PL10R42-06	PL10R60-06	115	0.445	27	54	2.0
16-4 Solid TPJ (Black, Red, Blue, Yellow)	PL13R42-46	PL13R60-46	134	0.445	27	54	2.0
14-2 Solid TPJ (Black, Red)	PL34R42-06	PL34R60-06	126	0.445	25	52	2.7
Shielded							
18-2 Solid TSPJ (Black, Red) ¹	PL50R42-06	PL50R60-06	111	0.445	71	29	4.8
16-2 Solid TSPJ (Black, Red) ¹	PL60R42-06	PL60R60-06	117	0.445	69	30	4.8
14-2 Solid TSPJ (Black, Red) ¹	PL28R42-06	PL28R60-06	129	0.445	89	25	4.0
Composite							
18-2 Solid TSPJ (Black, Red) ¹ 14-2 Solid TSPJ (Black, Red) ¹	PL27R42-06*	PL27R60-06	178	0.544	----	----	" 18-2 (TSPJ) = 4.8 14-2 (TSPJ) = 4"
16-2 Solid TPJ (Black, Red) 14-2 Solid TPJ (Black, Red)	----	PL40R60-06*	183	0.572	----	----	" 16-2 (TSJ) = 2.0 14-2 (TSJ) = 2.67"
16-2 Solid TSPJ (Black, Red) ¹ 14-2 Solid TPJ (Black, Red)	PL91R42-06	PL91R60-06	189	0.572	----	----	" 16-2 (TSPJ) = 4.8 14-2 (TSJ) = 2.67"
16-2 Solid TSPJ (Black, Red) ¹ 14-3 Solid (Black, White, Red)	----	11GGR60-00	186	0.588	----	----	16-2 (TSPJ) = 4.8

Note: All dimensions and weights are subject to normal manufacturing tolerances. *Special Order, subject to lead times and minimum order quantities.

¹Tinned Copper Drain Wire

²Shielded configurations

MC Glide Fire Alarm/Control Cable™

Dual Rated - Type MC/FPLP - Interlocked Galvanized Steel Armor

Armor

- Interlocked Galvanized Steel Strip Color-Coded Red³

Conductors

- Solid Copper

Conductor Insulation

- TFN (16AWG)
- THHN (14 & 12 AWG)

Assembly Covering

- Polyester Tape
- Aluminum/Polyester Tape Shield w/ Tinned Copper Drain Wire⁴

Grounding

- Insulated Green or Bare Copper Grounding Conductor

Maximum Voltage Rating

- Dual Rated: 600V
- FPLP: 300V

Maximum Temperature Rating

- MC: 90°C (Dry)
- FPLP: 105°C (Dry)

References & Ratings

- UL 66, 83, 1424, 1479, 1569, 1581, 2556, File Reference E80042 & E83514
- NEC® 300.22(C), 330, 392, 430.2, 501, 502, 503, 504, 505, 518, 530, 645, 725, 760.154(A)
- NEC® 300.22 (C) Other Spaces Used For Environmental Air (Plenums)
- NFPA 262 (formerly UL 910) Plenum Rated - Type FPLP
- UL classified 1, 2, and 3, hour through (Fire) penetration product R14141
- Cable tray rated, install per NEC®
- 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
- Made in USA of US and /or imported materials
- U.S. Design Patent D935,731 | D996,374



Conductor		Product Code		Approx. Weight	Approx. Armor O.D.
Trade Size (Color)	Grounding Conductor AWG (Color)	250' Coil	1000' Reel	(lb/1000ft)	(in)
Solid TFN					
16-2 Solid (Black, White)	16-1 Solid (Bare)	SF10R42-00	SF10R60-00	122	0.435
16-4 Solid (Black, Red, Blue, White)	16-1 Solid (Bare)	SF13R42-00	SF13R60-00	143	0.435
Solid THHN					
14-2 Solid (Black, White)	14-1 Solid (Green)	SF34R42-00	SF34R60-00	143	0.435
14-2 Solid (Blue, White) ³	14-1 Solid (Green)	SF34R42B05	SF34R60B05	143	0.435
14-2 Solid (Black, Red) ³	14-1 Solid (Green)	SF34R42K06	SF34R60K06	143	0.435
14-2 Solid (Orange, Yellow) ³	14-1 Solid (Green)	SF34R42T23*	SF34R60T23	143	0.435
14-2 Solid (Brown, Purple) ³	14-1 Solid (Green)	SF34R42T37*	SF34R60T37	143	0.435
14-4 Solid (Black, Red, Blue, White)	14-1 Solid (Green)	SF37R42-00	SF37R60-00	185	0.490
14-4 Solid (Blue, Blue ² , White, White ²) ³	14-1 Solid (Green)	SF37R42B05*	SF37R60B05*	185	0.490
14-4 Solid (Black, Black ² , Red, Red ²) ³	14-1 Solid (Green)	SF37R42K06*	SF37R60K06*	185	0.490
12-2 Solid (Black, White)	12-1 Solid (Green)	SF35R42-00	SF35R60-00	174	0.475
12-2 Solid (Blue, White) ³	12-1 Solid (Green)	SF35R42B05*	SF35R60B05	174	0.475
TSP					
16-2 Solid (TSP) (Blue, White)	16-1 Solid (Green)	SF95R42-00*	SF95R60-00*	142	0.475
16-2 Solid (TSP) (Blue, White) ¹³	16-1 Solid (Green)	SF95R42B05*	SF95R60B05*	142	0.475
16-2 Solid (TSP) (Black, Red) ¹³	16-1 Solid (Green)	SF95R42K06	SF95R60K06	142	0.475

Note: All dimensions and weights are subject to normal manufacturing tolerances. Other conductor colors available by special order. *Special Order, subject to lead times and minimum order quantities

¹All drain wires are 18AWG tinned Copper in TSP construction

²One conductor insulation has identifying stripe

³Armored is red w/ Phase ID

⁴Shielded configurations

Fire Alarm/Control Cable™ - Dual Rated

Type MC/FPLP - Interlocked Galvanized Steel Armor

Armor

- Interlocked Galvanized Steel Strip Color-Coded Red

Conductors

- Solid Copper

Conductor Insulation

- TFN (16AWG)
- THHN (14 & 12 AWG)

Assembly Covering

- Polyester Tape
- Aluminum/Polyester Tape Shield w/ Tinned Copper Drain Wire²

Grounding

- Insulated Green or Bare Copper Grounding Conductor

Maximum Voltage Rating

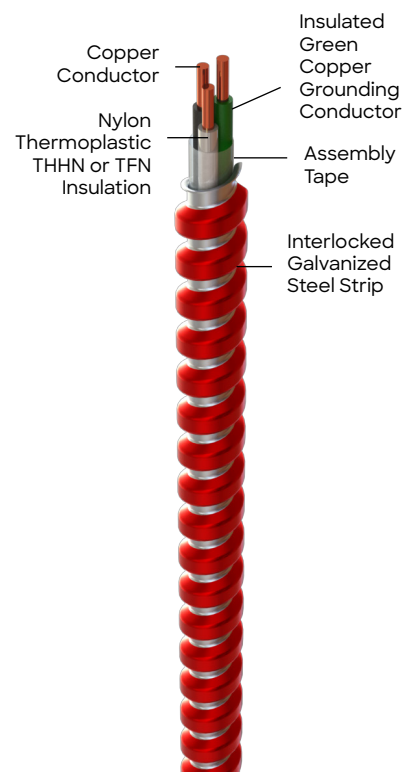
- Dual Rated: 600V
- FPLP: 300V

Maximum Temperature Rating

- MC: 90°C (Dry)
- FPLP: 105°C (Dry)

References & Ratings

- UL 66, 83, 1424, 1479, 1569, 1581, 2556, File Reference E80042 & E83514
- NEC® 300.22(C), 330, 392, 430.2, 501, 502, 503, 504, 505, 518, 530, 645, 725, 760.154(A)
- NEC® 300.22 (C) Other Spaces Used For Environmental Air (Plenums)
- NFPA 262 (formerly UL 910) Plenum Rated - Type FPLP
- UL classified 1, 2, and 3, hour through (Fire) penetration product R14141
- Cable tray rated, install per NEC®
- 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
- Made in USA of US and /or imported materials



Fire Alarm / Control Cables

Conductor		Product Code		Approx. Weight	Approx. Armor O.D.
Trade Size (Color)	Grounding Conductor AWG (Color)	250' Coil	1000' Reel	(lb/1000ft)	(in)
Twisted Shielded Pairs					
16-2 Solid (TSP) (Black, White) ¹ / 12-2 Solid (Black, Red)	12-1 Solid (Green)	4901R42-00	4901R60-00	236	0.606
16-2 Solid (TP) (Blue, Red) / 14-2 Solid (TP) (Black, White)	14-1 Solid (Green)	4910R42-00	4910R60-00	211	0.636
14-2 Solid (TSP) (Black, White) ¹	14-1 Solid (Green)	1828R42-00	1828R60-00	176	0.565
14-2 Solid (TSP) (Blue, White) ¹	14-1 Solid (Green)	--	1828R60-05* [^]	176	0.565
14-2 Solid (TSP) (Black, Red) ¹	14-1 Solid (Green)	--	1828R60-06* [^]	176	0.565
14-4 Solid (2 TSP) (Black, Red) (Blue, White) ¹	14-1 Solid (Green)	1881R42-00	1881R60-00	245	0.687

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

*Special Order, subject to lead times and minimum order quantities.

¹Tinned Copper Drain Wire

²Shielded configurations

[^]Armored is red w/ Phase ID

Whips Features & Benefits

Luminary Fixture Whips UL Listed

Features & Benefits

- Cable System. Technically equivalent and economically superior to traditional raceway and wire installations.
- One Pull. Combines power and control circuits under a single interlocked armor. Save up to 30% on labor and installation costs compared to the traditional installation method of running power and the control circuit afterward.
- 2020 NEC® Sec 410.69 Compliant. Manufactured with purple and pink control conductors covered with an overall pink PVC jacket for easy identification.
- Snap-In Fittings. Stock items assembled with Snap-In fittings, others available upon request
- Handling. High strength, reduced wall flexible interlocked galvanized steel conduit packaged in barrels or cartons, allowing for more accessible storage & handling.
- Secure hard-wired lighting control system reduces the threat of intrusion
- Save Energy & Money. Reduce consumption with daylight harvesting dimmable lighting
- System Compatible with 0-10 volt DC solid state lighting control systems & digital signal
- 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.
- Indoor LED and Fluorescent dimming systems where they will not be exposed to wet locations.

Refer to Page 76

Whips Features & Benefits

Metallic Whips UL Listed

Features & Benefits

- Cable System. Technically equivalent and economically superior to traditional raceway and wire installations.
- Fittings. 3/8" whips have screw in die-cast connectors on the 18AWG, 16AWG & 14AWG and set screw die cast for the 12AWG. 1/2" whips have screw in die-cast connectors
- Handling. High strength, reduced wall flexible interlocked galvanized steel conduit packaged in barrels or cartons, allowing for more accessible storage & handling.
- 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.
- Powering lighting fixtures and motors and are intended for indoor uses and only where they will not be exposed to wet locations.

Refer to Page 78

Non-Metallic Whips UL Listed

Features & Benefits

- Cable System. Technically equivalent and economically superior to traditional raceway and wire installations.
- Fittings. All whips come with one straight non-metallic Liquidtight connector and one 90° angle non-metallic Liquidtight connector.
- Handling. Flexible Nonmetallic Liquidtight, Type LFNC-B, conduit packaged in barrels or cartons, allowing for more accessible storage & handling.
- 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.
- Air conditioning hookups, outdoor lighting, and other outdoor applications such as a disconnect for Jacuzzi or pool filter motors.

Refer to Page 80

Luminary Fixture Whips

Reduced Wall Interlocked Galvanized Steel Flexible Conduit - UL Listed

UL Fixture Whips

Conduit

- Reduced Wall Galvanized Steel Flexible Metal Conduit

Conductors

- Solid or Stranded Copper (Power)
- Solid Copper (Control)

Conductor Insulation

- TFN or THHN/THWN (Power)
- TFN (Control)

Neutral Conductor

- White 120/208V
- Gray 277/480V

Grounding

- Insulated Green Copper Grounding Conductor

Control Cable

- 18 or 16 AWG Solid TFN Tray Cable (Purple/Pink)

Maximum Voltage Rating

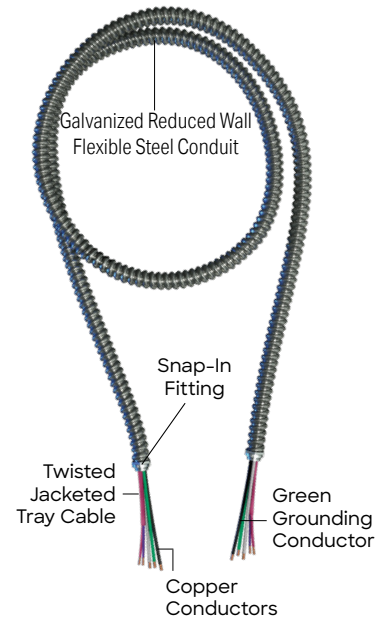
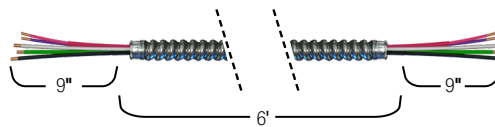
- 600V

Maximum Temperature Rating

- 90°C (Dry) Rating

References & Ratings

- UL® 1, 66, 83, 514B, File Reference E96572
- NEC 250.118, 300.22(C), 348, 410, 725
- NEC® 300.22(C)
- Power and/or lighting as well as signal and/or control conductors per NEC Section 725.136(I)(1)
- Made in USA of US and/or Imported Material



Conductor				Product Code	Units Per Package
Control Conductors AWG	Phase Conductor AWG	Neutral Conductor AWG	Grounding Conductor AWG		
Solid Power / Solid Control					
18-2 Solid (TPJ) (Purple, Pink)	18-1 Solid (Black)	18-1 Solid (White)	18-1 Solid (Green)	LW4A3S824E6-L00	50
18-2 Solid (TPJ) (Purple, Pink)	18-1 Solid (Brown)	18-1 Solid (Gray)	18-1 Solid (Green)	LW4A3S824E6-L01	50
18-2 Solid (TPJ) (Purple, Pink)	18-2 Solid (Black, Red)	18-1 Solid (White)	18-1 Solid (Green)	LW4A4S824E6-L00	50
18-2 Solid (TPJ) (Purple, Pink)	18-2 Solid (Brown, Orange)	18-1 Solid (Gray)	18-1 Solid (Green)	LW4A4S824E6-L01	50
16-2 Solid (TPJ) (Purple, Pink)	16-1 Solid (Black)	16-1 Solid (White)	16-1 Solid (Green)	LW4B3S624E6-L00	50
16-2 Solid (TPJ) (Purple, Pink)	16-1 Solid (Brown)	16-1 Solid (Gray)	16-1 Solid (Green)	LW4B3S624E6-L01	50
16-2 Solid (TPJ) (Purple, Pink)	16-2 Solid (Black, Red)	16-1 Solid (White)	16-1 Solid (Green)	LW4B4S624E6-L00	50
16-2 Solid (TPJ) (Purple, Pink)	16-2 Solid (Brown, Orange)	16-1 Solid (Gray)	16-1 Solid (Green)	LW4B4S624E6-L01	50
16-2 Solid (TPJ) (Purple, Pink)	14-1 Solid (Black)	14-1 Solid (White)	14-1 Solid (Green)	LW4C3S624E6-L00	50
16-2 Solid (TPJ) (Purple, Pink)	14-1 Solid (Brown)	14-1 Solid (Gray)	14-1 Solid (Green)	LW4C3S624E6-L01	50
16-2 Solid (TPJ) (Purple, Pink)	14-2 Solid (Black, Red)	14-1 Solid (White)	14-1 Solid (Green)	LW4C4S624E6-L00	50
16-2 Solid (TPJ) (Purple, Pink)	14-2 Solid (Brown, Orange)	14-1 Solid (Gray)	14-1 Solid (Green)	LW4C4S624E6-L01	50
16-2 Solid (TPJ) (Purple, Pink)	12-1 Solid (Black)	12-1 Solid (White)	12-1 Solid (Green)	LW4D3S624E6-L00	50
16-2 Solid (TPJ) (Purple, Pink)	12-1 Solid (Brown)	12-1 Solid (Gray)	12-1 Solid (Green)	LW4D3S624E6-L01	50
16-2 Solid (TPJ) (Purple, Pink)	12-2 Solid (Black, Red)	12-1 Solid (White)	12-1 Solid (Green)	LW4D4S624E6-L00	50
16-2 Solid (TPJ) (Purple, Pink)	12-2 Solid (Brown, Orange)	12-1 Solid (Gray)	12-1 Solid (Green)	LW4D4S624E6-L01	50

Note: Carton quantities of 15 pieces available upon request. Also available in aluminum flexible metal conduit.

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

*Special Order, subject to lead times and minimum order quantities

MC Luminary Cable is intended for use in non-shielded applications

Luminary Fixture Whips

Reduced Wall Interlocked Galvanized Steel Flexible Conduit - UL Listed

UL Fixture Whips

Conductor				Product Code	Units Per Package
Control Conductors AWG	Phase Conductor AWG	Neutral Conductor AWG	Grounding Conductor AWG		
Stranded Power / Solid Control					
18-2 Solid (TPJ) (Purple, Pink)	18-1 Stranded (Black)	18-1 Stranded (White)	18-1 Stranded (Green)	LW4E3S824E6-L00	50
18-2 Solid (TPJ) (Purple, Pink)	18-1 Stranded (Brown)	18-1 Stranded (Gray)	18-1 Stranded (Green)	LW4E3S824E6-L01	50
18-2 Solid (TPJ) (Purple, Pink)	18-2 Stranded (Black, Red)	18-1 Stranded (White)	18-1 Stranded (Green)	LW4E4S824E6-L00	50
18-2 Solid (TPJ) (Purple, Pink)	18-2 Stranded (Brown, Orange)	18-1 Stranded (Gray)	18-1 Stranded (Green)	LW4E4S824E6-L01	50
16-2 Solid (TPJ) (Purple, Pink)	16-1 Stranded (Black)	16-1 Stranded (White)	16-1 Stranded (Green)	LW4F3S624E6-L00	50
16-2 Solid (TPJ) (Purple, Pink)	16-1 Stranded (Brown)	16-1 Stranded (Gray)	16-1 Stranded (Green)	LW4F3S624E6-L01	50
16-2 Solid (TPJ) (Purple, Pink)	16-2 Stranded (Black, Red)	16-1 Stranded (White)	16-1 Stranded (Green)	LW4F4S624E6-L00	50
16-2 Solid (TPJ) (Purple, Pink)	16-2 Stranded (Brown, Orange)	16-1 Stranded (Gray)	16-1 Stranded (Green)	LW4F4S624E6-L01	50
16-2 Solid (TPJ) (Purple, Pink)	14-1 Stranded (Black)	14-1 Stranded (White)	14-1 Stranded (Green)	LW4G3S624E6-L00	50
16-2 Solid (TPJ) (Purple, Pink)	14-1 Stranded (Brown)	14-1 Stranded (Gray)	14-1 Stranded (Green)	LW4G3S624E6-L01	50
16-2 Solid (TPJ) (Purple, Pink)	14-2 Stranded (Black, Red)	14-1 Stranded (White)	14-1 Stranded (Green)	LW4G4S624E6-L00	50
16-2 Solid (TPJ) (Purple, Pink)	14-2 Stranded (Brown, Orange)	14-1 Stranded (Gray)	14-1 Stranded (Green)	LW4G4S624E6-L01	50
16-2 Solid (TPJ) (Purple, Pink)	12-1 Stranded (Black)	12-1 Stranded (White)	12-1 Stranded (Green)	LW4H3S624E6-L00	50
16-2 Solid (TPJ) (Purple, Pink)	12-1 Stranded (Brown)	12-1 Stranded (Gray)	12-1 Stranded (Green)	LW4H3S624E6-L01	50
16-2 Solid (TPJ) (Purple, Pink)	12-2 Stranded (Black, Red)	12-1 Stranded (White)	12-1 Stranded (Green)	LW4H4S624E6-L00	50
16-2 Solid (TPJ) (Purple, Pink)	12-2 Stranded (Brown, Orange)	12-1 Stranded (Gray)	12-1 Stranded (Green)	LW4H4S624E6-L01	50

Note: Carton quantities of 15 pieces available upon request. Also available in aluminum flexible metal conduit.

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

*Special Order, subject to lead times and minimum order quantities

MC Luminary Cable is intended for use in non-shielded applications

Metallic Fixture Whips

Reduced Wall Galvanized Steel Flexible Conduit - UL Listed

Conduit

- Reduced Wall Galvanized Steel Flexible Metal Conduit

Conductors

- Solid or Stranded Copper

Conductor Insulation

- THHN/THWN: 14 AWG & 12 AWG
- TFN: 18 AWG & 16 AWG

Neutral Conductors

- White 120/208V

Grounding

- Insulated Green Copper Grounding Conductor¹

References & Rating

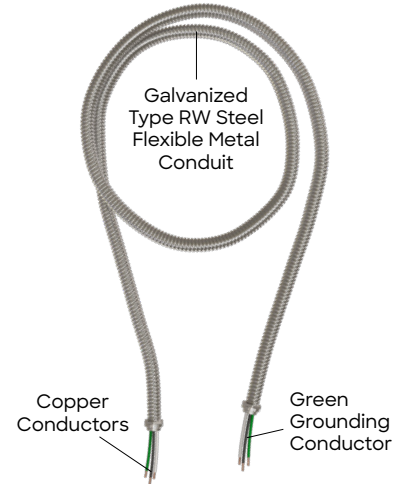
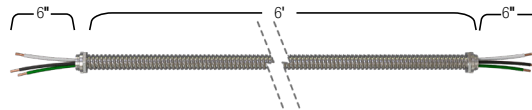
- UL 66, 83 and 514B, File No. E96572
- NEC® 348
- Made in USA of US and /or imported materials

Maximum Temperature Rating

- 90°C (Dry)

Maximum Voltage Rating

- 600V



Conductor	Conduit	Product Code	
Trade Size	Trade Size x Length(ft)	30 Units Per Package	100 Units Per Package
Solid			
18-4 Solid (Black, White, Red, Green)	3/8 x 6	4523-21	4523-30
18-3 Solid (Black, White, Green)	3/8 x 6	4522-21	4522-30
18-2 Solid (Black, White)	3/8 x 6	4521-21	4521-30
16-4 Solid (Black, White, Red, Green)	3/8 x 6	4513-21	4513-30
16-3 Solid (Black, White, Green)	3/8 x 6	4512-21	4512-30
16-2 Solid (Black, White)	3/8 x 6	4511-21	4511-30
14-4 Solid (Black, White, Red, Green)	3/8 x 6	4503-21	4503-30
14-3 Solid (Black, White, Green)	3/8 x 6	4502-21	4502-30
14-2 Solid (Black, White)	3/8 x 6	4501-21	4501-30
12-4 Solid (Black, White, Red, Green)	3/8 x 6	4580-21	4580-30
12-3 Solid (Black, White, Green)	3/8 x 6	4579-21	4579-30
12-2 Solid (Black, White)	3/8 x 6	4578-21	4578-30
Stranded			
18-4 Stranded (Black, White, Red, Green)	3/8 x 6	4623-21	4623-30
18-3 Stranded (Black, White, Green)	3/8 x 6	4622-21	4622-30
18-2 Stranded (Black, White)	3/8 x 6	4621-21	4621-30
16-4 Stranded (Black, White, Red, Green)	3/8 x 6	4613-21	4613-30
16-3 Stranded (Black, White, Green)	3/8 x 6	4612-21	4612-30
16-2 Stranded (Black, White)	3/8 x 6	4611-21	4611-30
14-4 Stranded (Black, White, Red, Green)	3/8 x 6	4603-21	4603-30
14-3 Stranded (Black, White, Green)	3/8 x 6	4602-21	4602-30
14-2 Stranded (Black, White)	3/8 x 6	4601-21	4601-30
12-4 Stranded (Black, White, Red, Green)	3/8 x 6	4680-21	4680-30
12-3 Stranded (Black, White, Green)	3/8 x 6	4679-21	4679-30
12-2 Stranded (Black, White)	3/8 x 6	4678-21	4678-30

Note: *Special Order, subject to lead times and minimum order quantities

3/8" whips have screw in die cast connectors on the 18AWG, 16AWG & 14AWG and set screw die cast for the 12AWG.

Available with customer specified connectors by special order.

All whips are available in barrels and cartons.

Metallic Fixture Whips

Reduced Wall Galvanized Steel Flexible Conduit - UL Listed

UL Fixture Whips

Conductor	Conduit	Product Code	
Trade Size	Trade Size x Length(ft)	15 Units Per Package	50 Units Per Package
Solid			
14-4 Solid (Black, White, Red, Green)	½ x 6	4703-15	4703-24
14-3 Solid (Black, White, Green)	½ x 6	4702-15	4702-24
14-2 Solid (Black, White)	½ x 6	4701-15	4701-24
12-4 Solid (Black, White, Red, Green)	½ x 6	4706-15	4706-24
12-3 Solid (Black, White, Green)	½ x 6	4705-15	4705-24
12-2 Solid (Black, White)	½ x 6	4704-15	4704-24
Stranded			
14-4 Stranded (Black, White, Red, Green)	½ x 6	4803-15	4803-24
14-3 Stranded (Black, White, Green)	½ x 6	4802-15	4802-24
14-2 Stranded (Black, White)	½ x 6	4801-15	4801-24
12-4 Stranded (Black, White, Red, Green)	½ x 6	4806-15	4806-24
12-3 Stranded (Black, White, Green)	½ x 6	4805-15	4805-24
12-2 Stranded (Black, White)	½ x 6	4804-15	4804-24

Note: *Special Order, subject to lead times and minimum order quantities

½" whips have screw in die cast connectors.

Available with customer specified connectors by special order.

All whips are available in barrels and cartons.

*Two wire configuration do not have a insulated green copper grounding conductor.

Non-Metallic Fixture Whips

Non-Metallic Liquidtight Conduit - Type LFNC-B - UL Listed

Conduit

- Type LFNC-B, Nonmetallic Liquidtight

Conductors

- Stranded Copper

Conductor Insulation

- THHN/THWN

Neutral Conductors

- White 120/208V

Grounding

- Insulated Green Copper Grounding Conductor

Maximum Voltage Rating

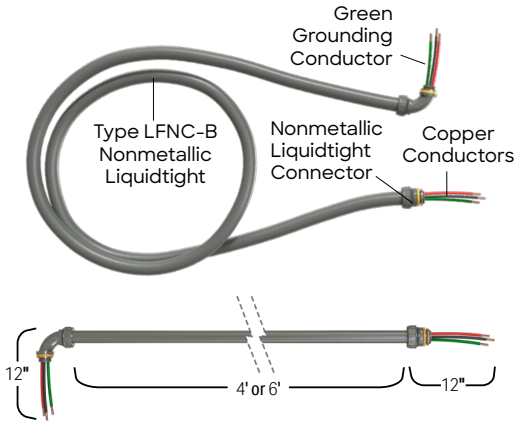
- 600V

Maximum Temperature Rating

- 80°C (Dry); 60°C (Wet)

Reference & Rating

- UL 83, 514B and 1660, File Reference E96572
- NEC® 250, 356, 410, 430, 440
- Made in USA of US and /or imported materials



Conductor AWG	Conduit	Product Code	Units Per Package
	Trade Size x Length(ft)		
10-3 Stranded (Black, Red, Green)	1/2 x 4	8014	10 per Box
10-3 Stranded (Black, Red, Green)	1/2 x 6	8015	10 per Box
8-3 Stranded (Black, Red, Green)	3/4 x 4	8016	10 per Box
8-3 Stranded (Black, Red, Green)	3/4 x 6	8017	8 per Box
10-3 Stranded (Black, Red, Green)	1/2 x 4	8021	20 Bulk
10-3 Stranded (Black, Red, Green)	1/2 x 6	8022	15 Bulk
8-3 Stranded (Black, Red, Green)	3/4 x 4	8023	10 Bulk
8-3 Stranded (Black, Red, Green)	3/4 x 6	8024	10 Bulk

Note: All Whips come with one straight non-metallic liquidtight connector and one 90 angle non-metallic liquidtight connector. Other conductor colors available by special request.



Armored Thermostat Cable

Other Armored Options

Armor:

- Galvanized Steel Interlocked Armor

Conductors:

- Solid Copper

Insulation

- TFN

Assembly Covering:

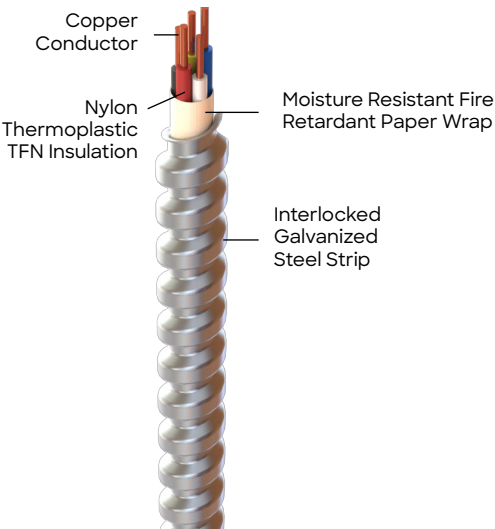
- Moisture Resistant Fire Retardant Paper Wrap

Maximum Voltage Rating

- 600V

Maximum Temperature Rating

- 90°C (Dry)



Trade Size	Product Code		Approx. Weight	Approx. Armor O.D.
	250' Coil	1000' Reel	(lb/1000ft)	(in)
18-2 Solid (Black, White)	2501-42-00	2501-60-00	135	0.470
18-3 Solid (Black, Red, White)	2502-42-00	2502-60-00	142	0.470
18-4 Solid (Black, Red, Blue, White)	2503-42-00	2502-60-00	149	0.470
18-5 Solid (Black, Red, Blue, Yellow, White)	2504-42-00	2504-60-00	157	0.470
18-6 Solid (Black, Red, Blue, Yellow, Orange, White)	2505-42-00	2505-60-00	172	0.492
18-8 Solid (Black, Red, Blue, Yellow, Orange, Brown, Purple, White)	2506-42-00	2506-60-00	196	0.517

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

Bare Armored Ground Cable

Armor:

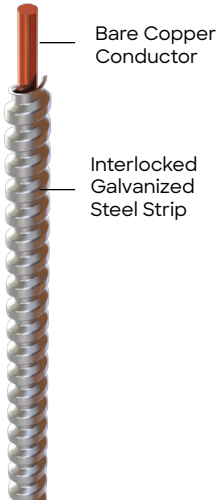
- Interlocked Galvanized Steel Strip

Conductors:

- Solid Copper: 8AWG & 6AWG
- Stranded Copper: 4AWG

References & Ratings

- UL 467 E82631
- NEC® 250.118(1), 250.64(B)



Other Armored Options

Trade Size	Product Code		Approx. Weight	Approx. Armor O.D.
	250' Coil	1000' Reel	(lb/1000ft)	(in)
8-1 Solid	1301-42-00	1301-60-00	180	0.470
6-1 Solid	1302-42-00	1302-60-00	210	0.470
4-1 Stranded ¹	1303-42-00	1303-60-00	284	0.530

Note: All dimensions and weights are subject to normal manufacturing tolerances.
¹7 Strands

CPID - Custom Armoring Options

CPID - Custom Armoring Options

Customer Armoring Options

- Available for a variety of application-specific needs
- Gives better field performance by adding a layer or more of protective armors
- Provides protection due to the mechanical strength of the steel armor
- Can extrude color coded non-metallic coverings for moisture protection, plenum and riser environments, and/or extremes in temperature

CPID Cable Protection

- Cable Protection Identification (CPID) refers to the AFC Cable Systems® process of adding a protective interlocking armor to customer supplied core (wire, cable, or fiber optic)
- An optional outer jacket of specially formulated PVC can be added to provide further protection
- CPID can often eliminate the costly and time-consuming process of installing cable into conventional raceways
- Cables can be combined to further reduce installation costs



Barrel Truck

Description:

- Barrel Truck with footrest

Tripod Dimensions:

- Wheel Type: 10"x2 ½" Cast Aluminum Mold on Rubber
- Axle: ⅞"
- Height: 60"
- Width: 24 ½"
- Product Class: 175
- Frame Cap: 1200 lbs

Part Number:

- 9960



Tripod for Barrel Truck

Description:

- Three legged collapsible with black knob handscrews
- Made out of high quality aluminum alloy

Tripod Dimensions:

- Height: 27.5"
- Width: 5" (Collapsed)
- Weight: 7lbs

Part Number:

- 9990





16100 South Lathrop Avenue
Harvey, IL 60426

Office 708-339-1610

Phone 800-882-5543

Web atkore.com

April 1st, 2024

ATKORE ELECTRICAL CABLE PRODUCTS SAFETY DATA SHEET (SDS) & CALIFORNIA PROP 65

To Whom It May Concern:

Safety Data Sheets (SDS) are not provided for the attached list of products because these products are considered to be an "article" under the OSHA Hazard Communication Standard (HSC), 29 CFR 1910.1200.

This standard has an exemption for articles. To be considered as an article, the product has to be a manufactured item meeting the following criteria:

- During manufacture, the article must be formed to a specific shape or design.
- The end-use functions are dependent in whole or in part on its shape or design – and –
- The product does not release or result in exposure to a hazardous chemical under normal conditions of use.

Products covered by this letter are not considered to be or to contain hazardous chemicals based on evaluations made by our company under the OSHA Hazard Communication Standard, 29 CFR 1910.1200. However, if your intent is to further process the product, please contact us so we can address that issue.

For more information, please refer to the following website:

<https://www.osha.gov/Publications/OSHA3514.html>

Atkore has conducted a thorough review of its compliance obligations under California's updated Proposition 65 Clear & Reasonable Warning Regulations as of December 29, 2023. As a result of this review, we have compiled a detailed list of products that either do or do not result in exposures to listed chemicals, necessitating a warning.

Thanks,

Atkore Industry Affairs Team

Direct **1.800.882.5543**

Email **industryaffairs@atkore.com**

Safety Data Sheet

Product Category	Product Family	Armor Description / Rating	Product Series	Warning Required
Electrical Cable	AC-90®	Interlocked Galvanized Steel Armor - Type AC	1400	Yes
Electrical Cable	AC-LITE®	Interlocked Aluminum Armor - Type AC	2700	No
Electrical Cable	HCF-90®	Interlocked Galvanized Steel Armor - Type AC - Health Care Facilities	1500	Yes
Electrical Cable	HCF-Lite®	Interlocked Aluminum Armor - Type AC - Health Care Facilities	2800	No
Electrical Cable	MC Glide Tuff™	Interlocked Lightweight Galvanized Steel Armor - Type MC	S000	No
Electrical Cable	MC Tuff®	Interlocked Lightweight Galvanized Steel Armor - Type MC	1701 - 1709 & 1755 - 1763	No
Electrical Cable	MC Steel	Interlocked Galvanized Steel Armor - Type MC	1700	Yes
Electrical Cable	MC Glide Lite™	Interlocked Aluminum Armor - Type MC	A000	No
Electrical Cable	MC Lite®	Interlocked Aluminum Armor - Type MC	2100	No
Electrical Cable	MC Intermediate & Feeder Cable	Interlocked Aluminum Armor - Type MC	2100	No
Electrical Cable	MC Plus®	Interlocked Galvanized Steel Armor - Type MC - Neutral Per Phase	3900	Yes
Electrical Cable	MC Plus® Lite	Interlocked Aluminum Armor - Type MC - Neutral Per Phase	3600	No
Electrical Cable	Super Neutral Cable®	Interlocked Galvanized Steel Armor - Type MC - Neutral Per Phase/Oversized Neutral	2900	Yes
Electrical Cable	Home Run Cable®	Interlocked Galvanized Steel Armor - Type MC	1900	Yes
Electrical Cable	Parking Deck/Lot Cable	Interlocked Galvanized Steel Armor w/ Overall PVC Jacket - Type MC	2300/2400	Yes
Electrical Cable	MC Quik® Lite	Interlocked Aluminum Armor - Type MCI-A - All Purpose Cable	3100	No
Electrical Cable	MC Stat®	Interlocked Galvanized Steel Armor - Type MCI-A - Health Care Facilities	7500	Yes
Electrical Cable	MC Stat® Lite	Interlocked Aluminum Armor - Type MCI-A - Health Care Facilities	5800	No
Electrical Cable	MC-Stat® Plus	Interlocked Galvanized Steel Armor Type MCI-A - Health Care Facilities - Neutral Per Phase	7000	Yes
Electrical Cable	MC Stat® Plus Lite	Interlocked Aluminum Armor - Type MCI-A - Health Care Facilities - Neutral Per Phase	7300	No
Electrical Cable	MC Glide Luminary Lite™	Interlocked Aluminum Armor - Type MC-PCS	AL04	No
Electrical Cable	MC Lite Luminary®	Interlocked Aluminum Armor - Type MC-PCS	1800	No
Electrical Cable	MC Glide Luminary Tuff™	Interlocked Lightweight Galvanized Steel Armor - Type MC-PCS	SL00	No
Electrical Cable	MC Tuff Luminary®	Interlocked Galvanized Steel Armor - Type MC-PCS	1800	Yes
Electrical Cable	MC Luminary® PVC Jacketed	Interlocked Galvanized Steel Armor w/ Overall PVC Jacket - Type MC-PCS	LJ00	Yes
Electrical Cable	MC Luminary Multizone® Lite	Interlocked Aluminum Armor - Type MC-PCS	1800	No
Electrical Cable	MC Luminary Quik® Lite	Interlocked Aluminum Armor - Type MC-PCS/MCI-A	MC00	No
Electrical Cable	MC Luminary HCF® Lite	Interlocked Aluminum Armor - Type MC-PCS/MCI-A - Health Care Facilities	LH00	No
Electrical Cable	Power Limited Fire Alarm Cable - Type FPLP	Interlocked Galvanized Steel Armor	PL00/11GG/4900	Yes
Electrical Cable	MC Glide Fire Alarm/Control Cable™ - Dual Rated - Type MC/FPLP	Interlocked Galvanized Steel Armor	SF00	Yes
Electrical Cable	Fire Alarm/Control Cable™ - Dual Rated - Type MC/FPLP	Interlocked Galvanized Steel Armor	1800/4900	Yes
Electrical Cable	Luminary Fixture Whips	Reduced Wall Interlocked Galvanized Steel Flexible Conduit - UL LISTED	LW4	Yes
Electrical Cable	Metallic Fixture Whips	Reduced Wall Galvanized Steel Flexible Metal Conduit - UL LISTED	4500/4600/4700/4800	Yes
Electrical Cable	Non-Metallic Fixture Whips	Non-metallic Liquidtight Conduit - Type LFNC-B - UL LISTED	8000	Yes
Electrical Cable	Bare Armored Grounding Wire	Interlocked Galvanized Steel Armor	1300	Yes
Electrical Cable	Armored Thermostat Cable	Interlocked Galvanized Steel Armor	2500	Yes



WARNING Use caution and adequate ventilation. Cutting, welding and any hot work performed on the attached list of products may potentially expose you to chemicals including [Chromium (hexavalent compounds)], which are known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.



Overview of Manufacturing Procedure

Armored cable (Type AC) and metal clad cable (Type MC) provide a fast and efficient way of wiring both new construction and remodeling work. Their flexible metal armor provides mechanical protection of the electrical conductors while enabling them to bend around corners. The cables are pre-wired at the factory eliminating the need to pull conductors into a raceway, which in turn greatly reduces the possibility of conductor damage.

The National Electrical Code® has accepted AC and MC cables for decades, with statistics showing that they have an excellent fire safety record.

Because AC & MC cable can be fished for long distances, it is quick and easy to install. Its own weight can carry it between partitions and it can be run without concern for its contact with pipes or other obstructions.

Wire pullers, fish ropes or tapes, dispensers and lubricants are eliminated. AC & MC cable does the job in less space, with fewer bending restrictions as well as less cutting and connecting than most other wiring products.

Armored cable (Type AC) and Metal Clad cable (Type MC) have a flexible metal armor of similar outward appearance, but that is where the similarity ends. There are major differences in construction and uses permitted.

Armored (Type AC) Cable Construction

As described by the National Electrical Code® Article 320, armored cable Type AC is a “fabricated assembly of insulated conductors in a flexible metallic armor.”

Type AC cable is manufactured to UL Standard 4. It consists of 2 to 4 copper conductors in sizes 14 AWG to 1 AWG inside an interlocked metal armor of steel or aluminum construction. Type AC cable can have no more than four insulated conductors plus grounding conductors and cannot be manufactured larger than 1 AWG per UL 4.

A 16 AWG aluminum bonding wire is inside of, and in physical contact with, the metal armor providing a low impedance fault-return path required for the operation of overcurrent protection devices. The bonding wire is unique to AC cable and allows the outer metal armor in conjunction with the bonding wire to be used as an equipment ground.

It is important to remember that the bare bond wire is not an equipment grounding conductor. It is the bond wire that, in combination with the interlocked metal armor, provides a low impedance equipment grounding path.

Each of the copper conductors is covered with a thermoplastic insulation (THHN with a 90°C rating) and are individually wrapped in a moisture resistant, fire retardant paper.

According to NEC® Article 320.40, an insulated (anti-short) bushing is required when installing Type AC cable. It is installed at the time of termination and designed to protect the conductors from damage. AFC Cable Systems® provides bushings in bags packaged with the cable.

Metal Clad (Type MC) Cable Construction

As described by NEC® Article 330, Metal Clad Type MC cable is a “factory assembly of one or more insulated circuit conductors with or without optical fiber members enclosed in an armor of interlocked metal tape or a smooth or corrugated metallic sheath.”

Traditional Type MC cable is manufactured to UL Standard 1569. MC cables have 2 or more solid or stranded conductors in sizes 18 AWG and larger. The number of conductors allowed in an MC cable is not restricted by UL. The conductors may be of copper, aluminum or copper-clad aluminum.

The metal armor may be a smooth tube, a corrugated tube, or an interlocked metal armor. AFC Cable Systems® manufactures MC cable with interlocked metal armor and copper conductors. The make-up of 600 volt interlocked armor traditional MC cable consists of:

- Copper circuit and grounding conductors covered with thermoplastic insulation
- An overall polypropylene cable assembly tape
- An outer galvanized steel or aluminum interlocked armor

Unlike Type AC cable, the armor of interlocked Type MC cable is not an equipment grounding means and traditional Type MC cable requires a bare or green grounding conductor.

Installation Instructions for Traditional Type AC & MC

Differences between AC and traditional MC cables

	Type AC Cable	Type MC Cable
Number of Conductors	Limited to a maximum of 4 conductors plus a grounding conductor	Not limited to the number of conductors.
Size of Conductors	14 AWG to 1 AWG	18 AWG or larger
Grounding	Contains a 16 AWG bond wire in constant contact with the metal armor allowing the armor and bond wire combination to be used as an equipment ground.	Does not contain a bonding wire and the armor is not an equipment ground, but supplements the internal grounding conductor equaling one grounding path.
Conductor Wrapping	Individual conductors are wrapped in a moisture resistant, fire retardant paper.	Individual conductors are not wrapped in fire Retardant paper but do have an overall polypropylene assembly tape.

Along with these differences in construction, there are also differences in the uses permitted for these cables as discussed previously. (See pages 104 and 105 for installation details on new MCI-A type MC cables.)

Green Hospital Grade Type Cable

This additional ground allows HCF cables to be used in patient care areas of health care facilities (other than hazardous locations) including hospitals, nursing homes, dental offices, outpatient facilities and medical centers per NEC® 517.13.

The separate green grounding conductor satisfies the requirement of Article 517 that: “In an area used for patient care, the grounding terminals of all receptacles and all non-current-carrying conductive surfaces of fixed electric equipment likely to become energized that are subject to personal contact, operating at over 100 volts, shall be grounded by an insulated copper conductor.”

The armor and bonding strip combination satisfies the requirement that:

The metal raceway system, or cable armor or sheath assembly, shall itself qualify as an equipment grounding return path in accordance with Section 250.118.”

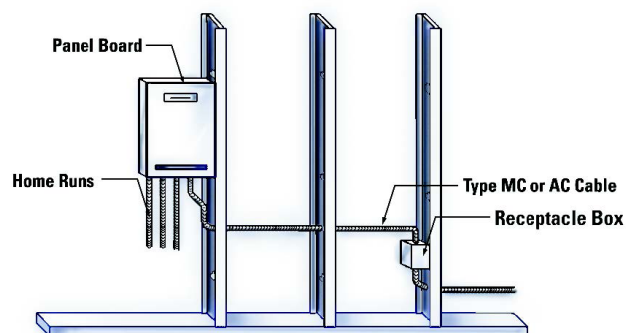
(NOTE: Read NEC® 517.30(C)(3)(3) for complete details on wiring of emergency healthcare circuits).

Installing AC & MC Cable

Type AC & MC cable is installed after the rough-in phase of locating and setting all boxes and enclosures. Rough-in occurs when all the interior and exterior walls are framed but before the sheet rock is installed.

The first step in the rough-in phase is to determine the number of home run circuits and from where the wiring will originate. Once this is done, time should be taken to determine the best and shortest routes for each cable run. Long runs of spider web type routing not only require more cable, but also increase voltage drop. This is very important to consider when locating boxes for receptacles, lights and switches. If long runs are required, oversizing the circuit conductors is recommended to limit voltage drop.

MC or AC Cable Installation



Installation Instructions for Traditional Type AC & MC



AC & MC cable is available on reels and in coils. If using a reel, simply draw the cable from the end of the reel. If using a coil, draw the cable from the center of the coil to prevent kinking.

Bridging Cable Across Open Spaces

In general, AC and MC cable must hug the surface it is wired over. The NEC® prohibits bridging across open spaces with the following five exceptions:

- 1) When the cable is fished.
- 2) When flexibility is required, a box may be installed near a motor or appliance using a short piece of free AC cable up to 24 inches long, between the box and motor or appliance.
- 3) Lengths of not more than 6 feet from the last point of support for connections within an accessible ceiling to lighting fixtures or equipment.
- 4) Where installed in cable trays.

- 5a) For Type AC cable in other than vertical runs through holes or notches in framing members where distance between members does not exceed 4 1/2 feet and is securely fastened in place by an approved means within 12 inches of each box, cabinet, conduit body or other cable termination.
- 5b) For Type MC cable in other than vertical runs through holes or notches in framing members where the distance between members does not exceed 6 feet. Cables containing four or fewer conductors sized no larger than AWG 10 must be secured within 12 inches of each box, cabinet, fitting or other cable termination.

Bending Radius

Care should be taken not to exceed the bending radius of the cables when routing around corners. According to NEC® Article 320.24, for AC cable, the radius of the curve of the inner edge of any bend shall not be less than 5 times the diameter of the cable. NEC® Article 330.24(B) states that for MC Cable, the radius shall not be less than 7 times the external diameter of the cable.

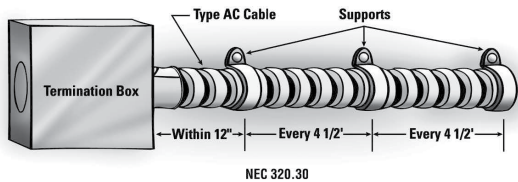


Installation Instructions for Traditional Type AC & MC

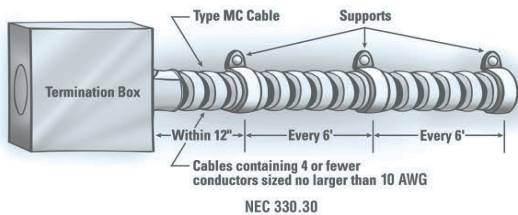
Supporting AC & MC Cables

All cable runs must be continuous from outlet to outlet. According to NEC® Article 320.30, AC cable must be supported and secured at intervals of 4 1/2 feet or less (unless routed through a framing member) and within 12 inches of every termination.

Supporting Type AC Cable



Supporting Type MC Cable



As noted, AC and MC cable support requirements are waived when the cable is fished. This is a major advantage of AC and MC cable in remodeling work over other wiring products that cannot be fished.

AC and MC cable may also be installed in cable tray, per NEC® Article 392. Cable is only required to be secured in this installation for vertical runs.

Terminating AC & traditional MC Cables

When terminating or splicing at a junction, outlet or switch box, cut the cable so that 6 inches of free conductor is left for connections or splices. Use an approved connector and insure a proper bond by firmly tightening the connectors to both the box and the cable. Please note, set screw connectors cannot be used with aluminum armor Type AC cable.

To terminate an AC cable, insert an antishort bushing and bend back the exposed length of bonding wire. The bonding wire can be bent back before or after the bushing is inserted. There are several techniques used for this procedure as pictured on this page.

Insert the cable into the connector and secure the connector into the box. Be sure that the anti-short bushing is plainly visible in the connector for easy inspection. The same procedure is followed for traditional MC cable with the exception that there is no bonding wire. Although anti-short bushings are only required by the NEC® for AC cable, some manufacturers supply them for both cable types in the event that local codes override the NEC®.



Preparing AC Cable for Termination



Method 1 - Bend back over anti-short



Method 3 - Back-wrap under anti-short

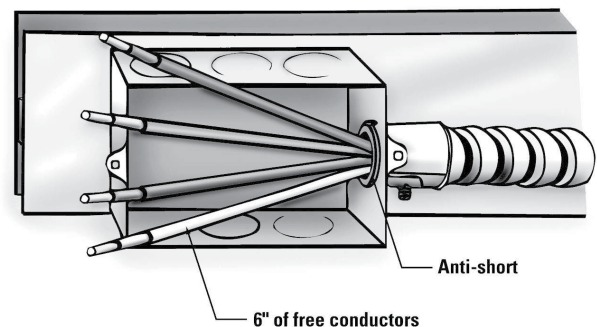


Method 2 - Bend back under anti-short



Method 4 - Back-wrap over anti-short

Terminating AC & traditional MC Cables

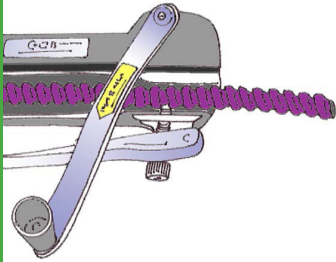


MC cable installed in a box with 6 inches of free conductors left for connections or splices.

Installation Instructions for Traditional Type AC & MC

Installation Instructions MC-Quik® Type MC Cable

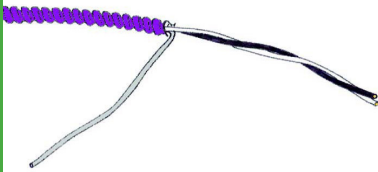
1



Cut the cable to length needed and remove armor approximately 6-inches from end using a rotary cutting tool designed for use with Interlocked Metal-Clad Cable and remove armor.

NOTE: The combination of the metal armor and the bare aluminum grounding/bonding conductor is the effective

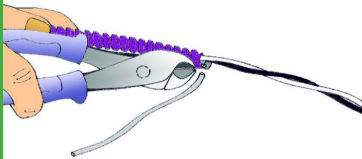
2



Separate the bare aluminum grounding/bonding conductor from the cable assembly by folding the bare aluminum grounding/bonding conductor back approximately 120°.

NOTE: OPTIONAL INSTALLATION METHOD: Although not required, the bare aluminum grounding/bonding conductor may be terminated inside the box or enclosure provided the splices, connectors or terminations are suitable for the material of the conductor(s) to be used per NEC® 110.14.

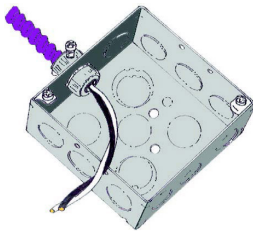
3



Cut the aluminum bare grounding/bonding conductor flush with the end of the armor using a suitable tool.

NOTE: *The fitting must be listed and marked for use with "Metal-Clad Interlocking Ground Cable Type" or "MCI-A" where the armor is a component of the equipment grounding path.

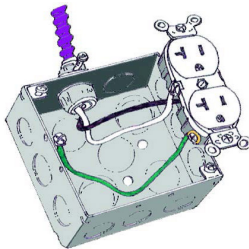
4



Use a fitting identified and listed* for use with a Metal-Clad Interlocking Armor Ground Cable (Type MCI-A), install the fitting per the manufacturer's instructions.

NOTE: Cable has one grounding means - armor/bond-ground wire combination.

5

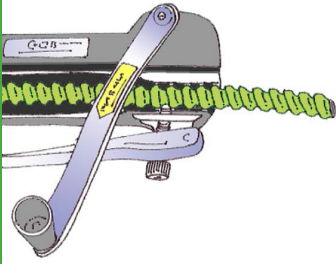


Bond the cable, fitting, box and wiring devices, as applicable, to provide an effective ground-fault current path.

Installation Instructions for Traditional Type AC & MC

Installation Instructions MC-Stat® Type MC Cable

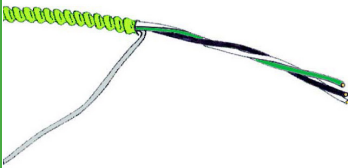
1



Cut the cable to length needed and remove armor approximately 6-inches from end using a rotary cutting tool designed for use with Interlocked Metal-Clad Cable and remove armor.

NOTE: The combination of the metal armor and the bare aluminum grounding/bonding conductor is the effective ground-fault path in accordance with NEC® 250.118(10)(b).

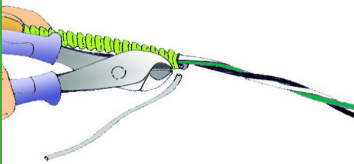
2



Separate the bare aluminum grounding/bonding conductor from the cable assembly by folding the bare aluminum grounding/bonding conductor back approximately 120°.

NOTE: OPTIONAL INSTALLATION METHOD: Although not required, the bare aluminum grounding/bonding conductor may be terminated inside the box or enclosure provided the splices, connectors or terminations are suitable for the material of the conductor(s) to be used per NEC® 110.14.

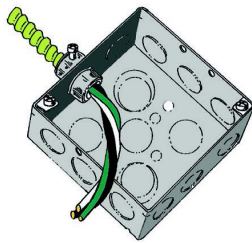
3



Cut the aluminum bare grounding/bonding conductor flush with the end of the armor using a suitable tool.

NOTE: *The fitting must be listed and marked for use with "Metal-Clad Interlocking Ground Cable Type" or "MCI-A" where the armor is a component of the equipment grounding path.

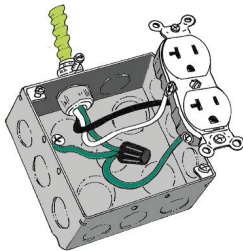
4



Use a fitting identified and listed* for use with a Metal-Clad Interlocking Armor Ground Cable (Type MCI-A), install the fitting per the manufacturer's instructions.

NOTE: The green insulated equipment grounding conductor is an effective ground-fault current path in accordance with NEC® 250.118(1).

5



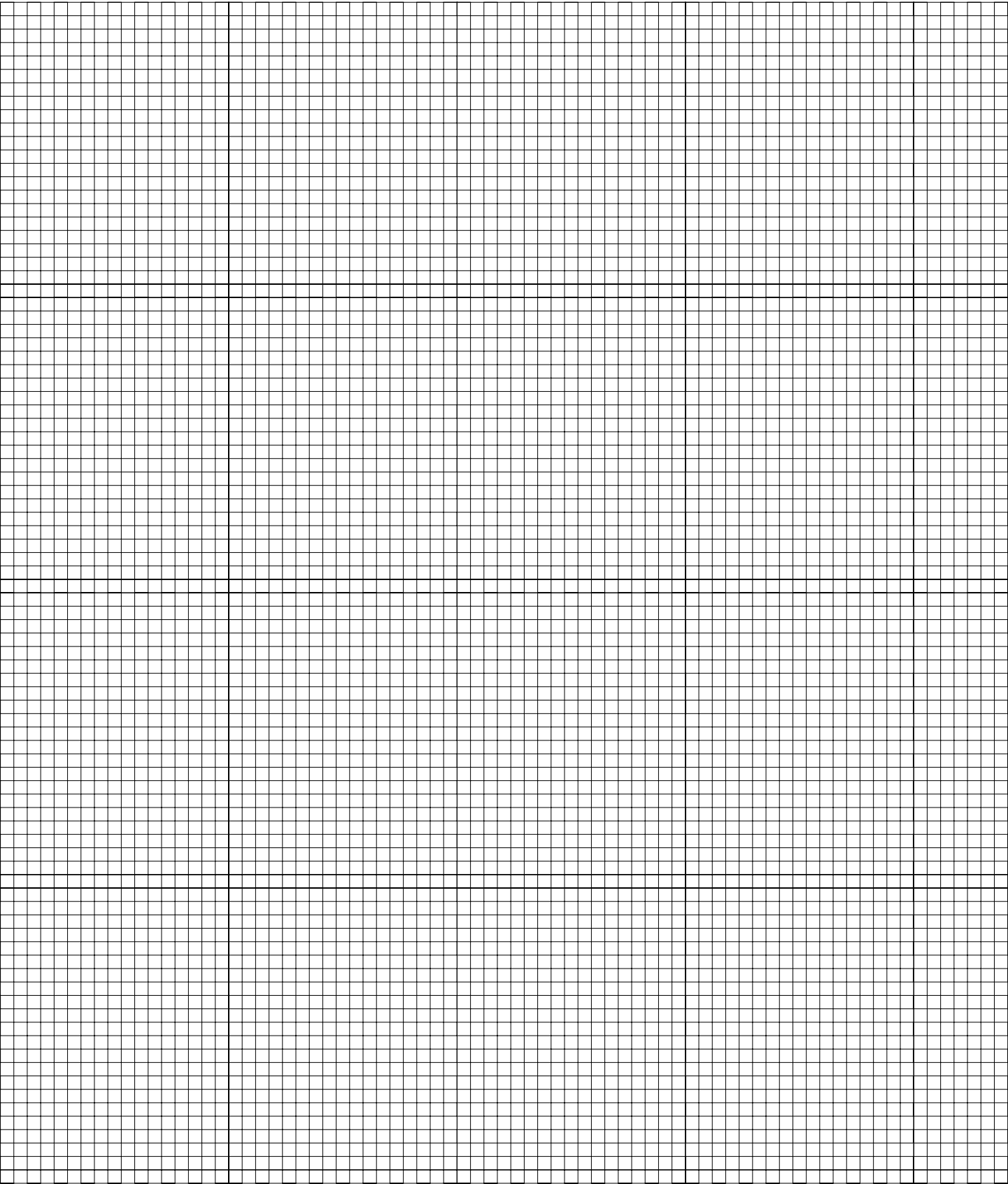
Bond the cable, fitting, box and wiring devices, as applicable, to provide an effective ground-fault current path to comply with NEC® 517.13(A). Terminate the Green equipment grounding conductor to the device, the grounding screw or other grounding connection to comply with NEC® 517.13(B).

NOTE: Cable has two (2) grounding means:

- (1) Armor/Bond-ground wire combination in accordance with 250.118(10)(b)
- (2) Green insulated grounding conductor in accordance with 250.118(1).

Notes

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.





**BUILDING BETTER
TOGETHER**

Atkore

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[atkore.com](https://www.atkore.com)

Atkore

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