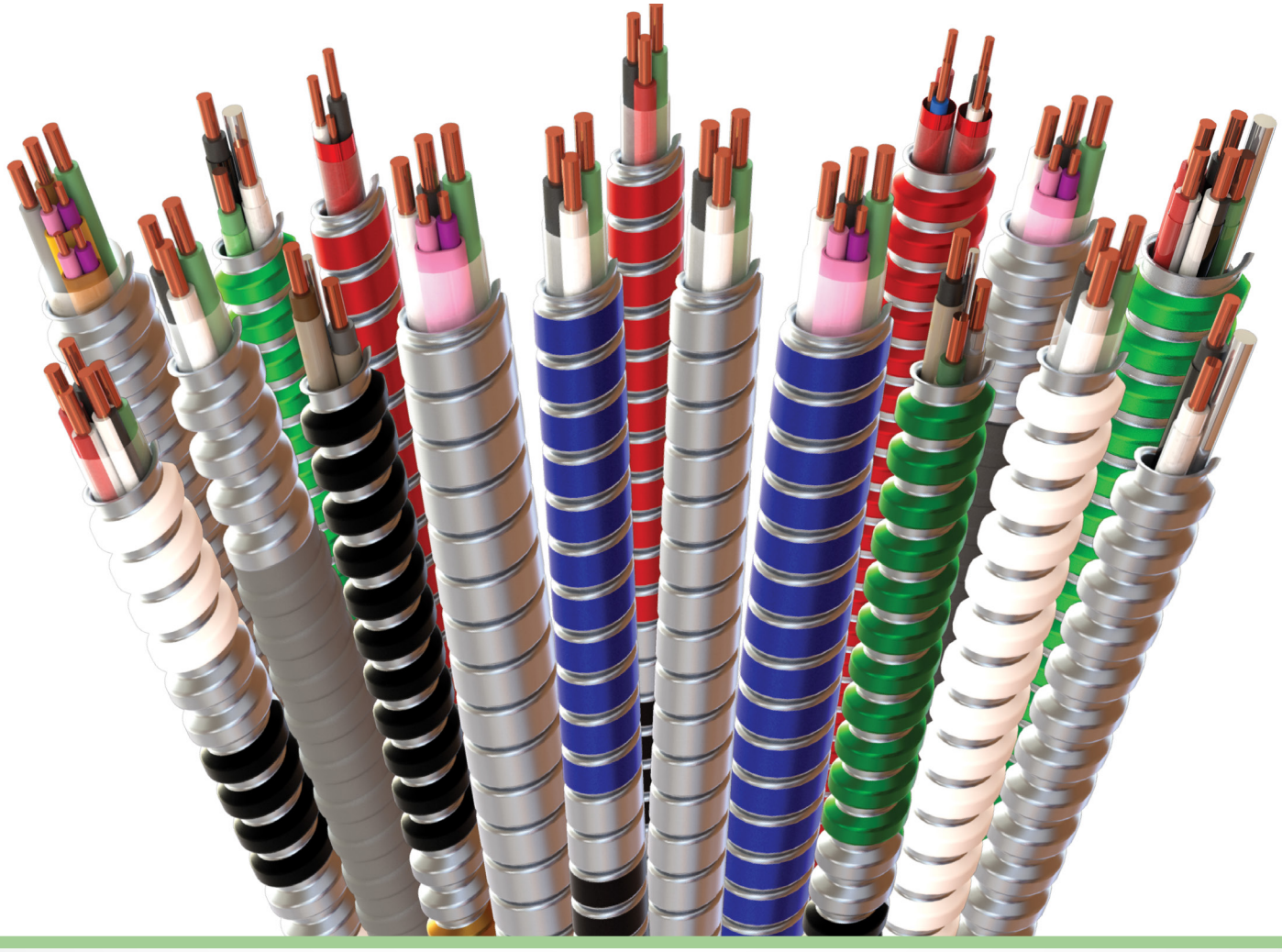
Electrical Cables



Atkore®

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Overview of Manufacturing Procedure

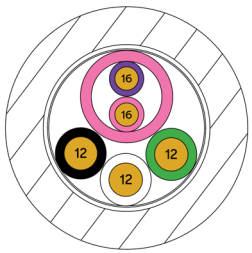
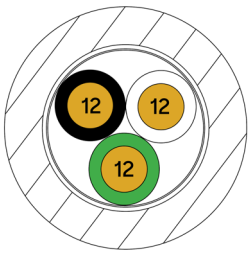
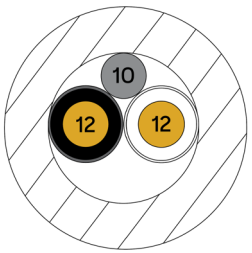
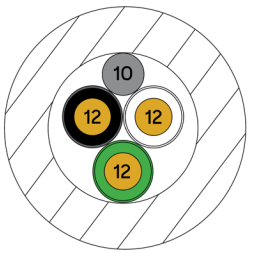
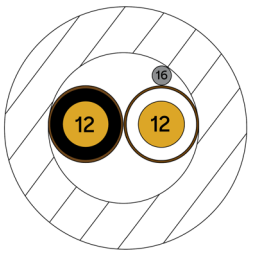
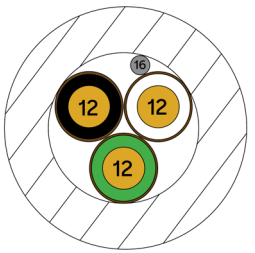
Products are manufactured in accordance with UL, LLC (Underwriters Laboratories) Standards:

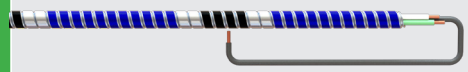
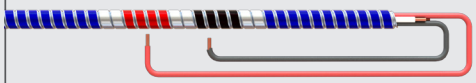
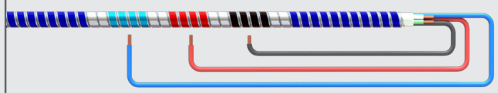
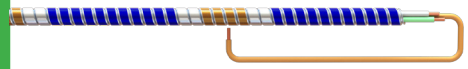
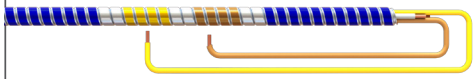
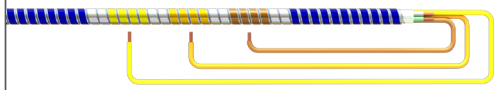
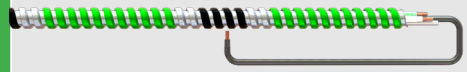
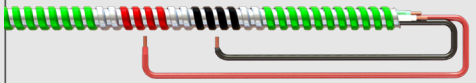
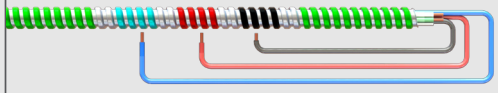
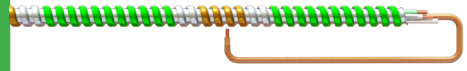
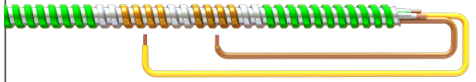
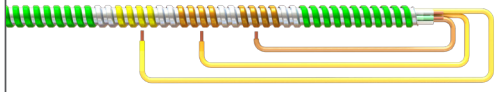
Type MC Metal-Clad Cables are manufactured in accordance with UL 1569 Metal-Clad Cables under UL File Number E80042 for use in accordance with NEC® Article 330.

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.

Atkore® AFC Cable Systems | Atkore® Kaf-Tech

Comparison Chart - Type MC vs. Type AC

	Type MC Cable				Type AC Cable	
Product Family	**MC Glide Luminary®**	**MC Glide®**	**MC-Quik®**	**MC-Stat®**	**AC-90® & AC Lite®**	**HCF-90® & HCF-Lite®**
Maximum Number of Conductors	No Limit	No Limit	No Limit	No Limit	4 conductors	4 conductors plus ground
Size of Copper Conductors	16 AWG to 8 AWG with 16 AWG Control Curcuits	16 AWG to 1 AWG	14 AWG to 10 AWG	14 AWG to 10 AWG	14 AWG to 1 AWG	14 AWG to 1 AWG
Grounding	Insulated equipment grounding conductor.	Insulated equipment grounding conductor.	Full sized bare aluminum ground/ bond wire and armor combination.	Full sized bare aluminum ground/ bond wire and armor combination. An insulated equipment grounding conductor.	16 AWG bare aluminum ground/bond wire and armor combination.	16 AWG bare aluminum ground/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 proactive covering. No overall assembly tape.	Individual conductors are wrapped in moisture resistant, fire retardent paper	Individual conductors are wrapped in moisture resistant, fire retardent paper
Tested to UL Standard	UL 1569	UL 1569	UL 1569	UL 1569	UL 4	UL 4
12 - 2 Examples						

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

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 until the second 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".

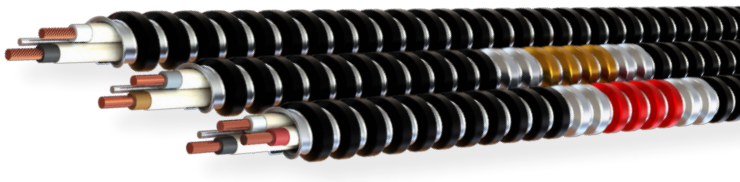
HCF is constructed in the same manner as standard AC cable with the addition of an insulated green grounding conductor. This additional ground allows HCF to be used in patient care areas of health care facilities (other than hazardous locations or emergency circuits in a health care setting) including 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®
Interlocked Galvanized Steel Armor



Features & Benefits

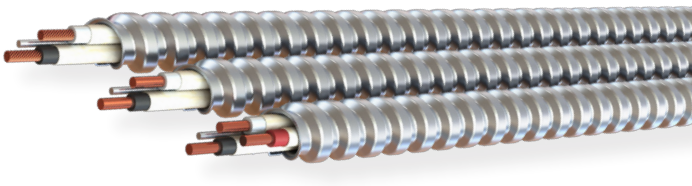
- Cable System. Technically equivalent and economically superior to traditional raceway and wire installations.
- ColorSpec® ID/Color-Trak ID System. Black galvanized steel armor with phase ID painted directly onto the armor for added identification without the added step of opening the panel to determine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

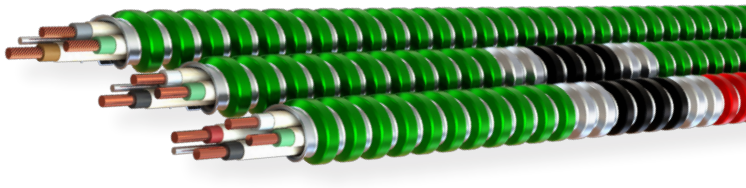
Refer to Page 11

Type AC - Features & Benefits

HCF-90®

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

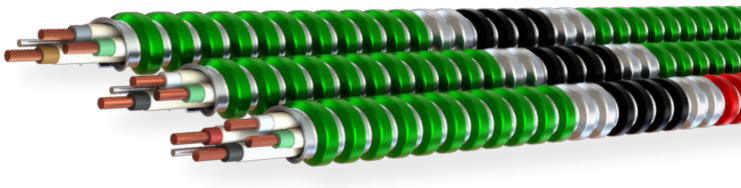
- Branch circuits and feeder wiring services in areas of patient care in hospitals, nursing homes, outpatient facilities, dental offices, clinics, and medical centers (other than hazardous anesthetizing locations).
- Can be exposed or concealed, surface mounted, embedded in plaster finish on brick or 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 14

HCF-Lite®

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.

Refer to Page 15

AC-90®

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

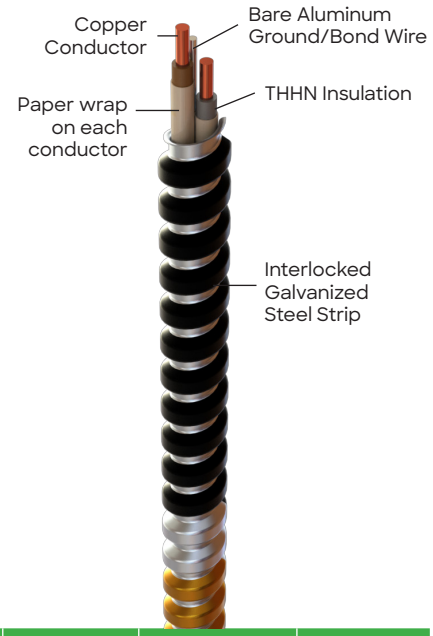
Neutral Conductor
- White 120/208V
- Gray 277/480V

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 (Color)	Neutral Conductor AWG2 (Color)	Bare Alum. Ground/ Bond Wire AWG	Coil	Reel	Coil (ft)	Reel (ft)	(lb/1000ft)	(in)
Solid									
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
12-2	12-1 Solid (Orange)	12-1 Solid (Gray)	16-1 Solid	1404N42-02	1404N60-02	250	1000	213	0.525
12-2	12-1 Solid (Yellow)	12-1 Solid (Gray)	16-1 Solid	1404N42-03	1404N60-03	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
10-2	10-1 Solid (Black)	10-1 Solid (White)	16-1 Solid	1407N42-00	1407N60-00	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	1409N42-00	1409N60-00	250	1000	367	0.654

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

Interlocked Aluminum Armor

Armor
- Interlocked Aluminum Strip^

Conductors
- Solid or Stranded Copper

Conductor Insulation
- THHN w/ Moisture Resistant Fire Retardant Paper Wrap

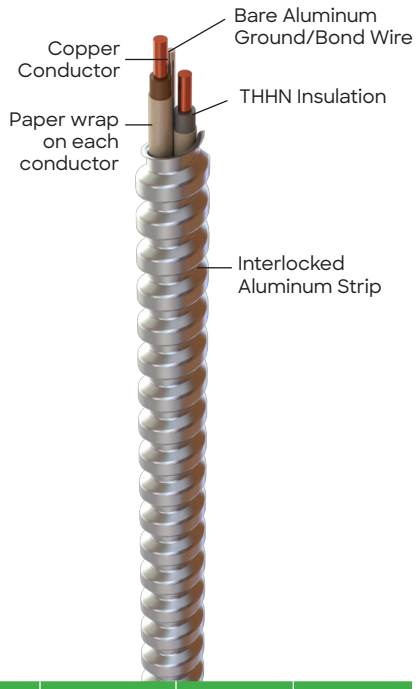
Neutral Conductor
- White 120/208V
- Gray 277/480V

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



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	Coil	Reel	Coil (ft)	Reel (ft)	(lb/1000ft)	(in)
			Solid						
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	0.610
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

Continues on next page

Interlocked Aluminum Armor

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	Coil	Reel	Coil (ft)	Reel (ft)	(lb/1000ft)	(in)
Stranded									
8-2	8-1 Stranded (Black)	8-1 Stranded (White)	16-1 Solid	2715-40-00	2715-45-00	200	500	214	0.755
8-2	8-1 Stranded (Black)	8-1 Stranded (White)	16-1 Solid	—	2715-60-00	—	1000	214	0.755
8-3	8-2 Stranded (Black, Red)	8-1 Stranded (White)	16-1 Solid	2716-32-00	2716-45-00	125	500	285	0.789
8-3	8-2 Stranded (Black, Red)	8-1 Stranded (White)	16-1 Solid	2716-40-00	2716-60-00	200	1000	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
8-4	8-3 Stranded (Black, Red, Blue)	8-1 Stranded (White)	16-1 Solid	—	2717-60-00	—	1000	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
6-2	6-1 Stranded (Black)	6-1 Stranded (White)	16-1 Solid	—	2719-60-00	—	1000	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
6-3	6-2 Stranded (Black, Red)	6-1 Stranded (White)	16-1 Solid	—	2720-60-00	—	1000	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
6-4	6-3 Stranded (Black, Red, Blue)	6-1 Stranded (White)	16-1 Solid	—	2721-60-00	—	1000	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
4-3	4-2 Stranded (Black, Red)	4-1 Stranded (White)	16-1 Solid	—	2724-60-00	—	1000	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
4-4	4-3 Stranded (Black, Red, Blue)	4-1 Stranded (White)	16-1 Solid	—	2725-60-00	—	1000	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
3-3	3-2 Stranded (Black, Red)	3-1 Stranded (White)	16-1 Solid	—	2728-60-00	—	1000	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
3-4	3-3 Stranded (Black, Red, Blue)	3-1 Stranded (White)	16-1 Solid	—	2729-60-00	—	1000	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
2-3	2-2 Stranded (Black, Red)	2-1 Stranded (White)	16-1 Solid	—	2726-60-00	—	1000	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
2-4	2-3 Stranded (Black, Red, Blue)	2-1 Stranded (White)	16-1 Solid	—	2727-60-00	—	1000	1173	1.195

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

HCF 90®

Interlocked Galvanized Steel Armor - Healthcare Facilities Armored Cable

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

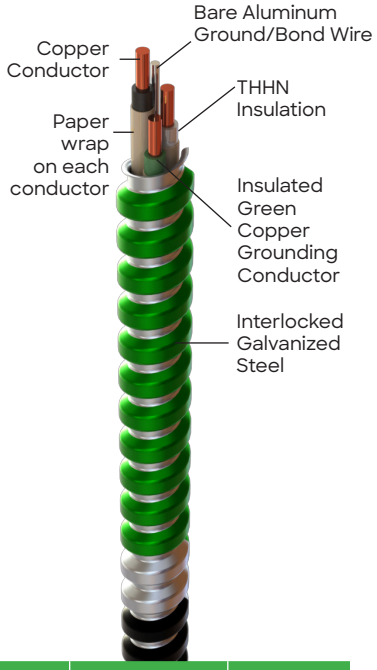
Neutral Conductor
- White 120/208V
- Gray 277/480V

Grounding
- Dual Grounding Means:
  (1) Combined Armor and 16AWG Aluminum Ground/Bond Wire
  (2) 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 (Color)	Neutral Conductor AWG (Color)	Grounding Conductor AWG (Color)	Bare Alum. Ground/ Bond Wire AWG	250' Coil	1000' 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
12-2	12-1 Solid (Brown)	12-1 Solid (Gray)	12-1 Solid (Green)	16-1 Solid	1504G42-01	1504G60-01	235	0.535
12-2	12-1 Solid (Orange)	12-1 Solid (Gray)	12-1 Solid (Green)	16-1 Solid	1504G42-02	1504G60-02	235	0.535
12-2	12-1 Solid (Yellow)	12-1 Solid (Gray)	12-1 Solid (Green)	16-1 Solid	1504G42-03	1504G60-03	235	0.535
12-2	12-1 Solid (Red)	12-1 Solid (White)	12-1 Solid (Green)	16-1 Solid	1504G42-04	1504G60-04	235	0.535
12-2	12-1 Solid (Blue)	12-1 Solid (White)	12-1 Solid (Green)	16-1 Solid	1504G42-05	1504G60-05	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
12-3	12-2 Solid (Brown, Orange)	12-1 Solid (Gray)	12-1 Solid (Green)	16-1 Solid	1505G42-01	1505G60-01	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
12-4	12-3 Solid (Brown, Orange, Yellow)	12-1 Solid (Gray)	12-1 Solid (Green)	16-1 Solid	1506G42-01	1506G60-01	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	0.610
10-2	10-1 Solid (Brown)	10-1 Solid (Gray)	10-1 Solid (Green)	16-1 Solid	1507G42-01	1507G60-01	309	0.610
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
10-3	10-2 Solid (Brown, Orange)	10-1 Solid (Gray)	10-1 Solid (Green)	16-1 Solid	1508G42-01	1508G60-01	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
10-4	10-3 Solid (Brown, Orange, Yellow)	10-1 Solid (Gray)	10-1 Solid (Green)	16-1 Solid	1509G42-01	1509G60-01	426	0.752

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

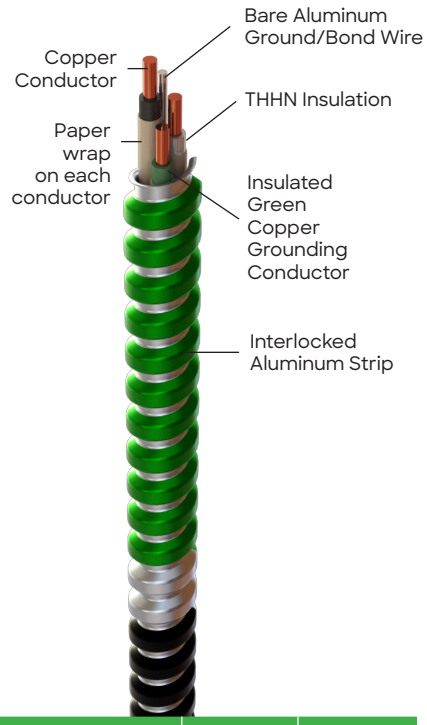
Neutral Conductor
- White 120/208V
- Gray 277/ 480V

Grounding
- Dual Grounding Means:
  (1) Combined Armor and 16AWG Aluminum Ground/ Bond Wire
  (2) 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



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	250' Coil	1000' Reel	(lb/1000ft)	(in)
Solid								
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	—	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								
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	—	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

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

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

(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

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.

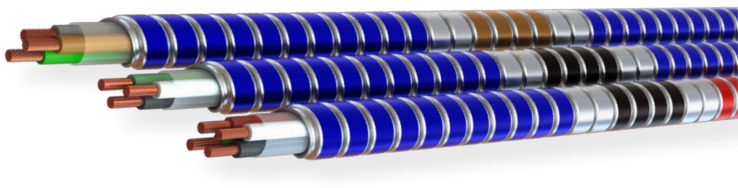
NEC® is a registered trademark of the National Electrical Code®.

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. Patent 11,996,215 | U.S. Patent 12,170,157 | U.S. Patent 12,165,791 | U.S. Design Patent D935,731 | U.S. Design Patent D996,374 | U.S. Design Patent D1,015,280

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

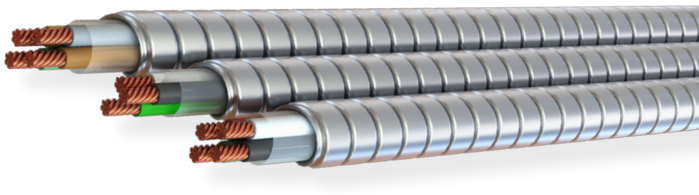
- Commercial, industrial, multi-residential branch circuits and feeder wiring-services for power, lighting, control and signal circuits.
- Can be exposed or concealed, fished, surface mounted, embedded in plaster, environmental air-handling spaces, open or messenger supported aerial runs, dry locations, 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 Glide Tuff® - XHHW-2

Interlocked Lightweight Galvanized Steel Armor



U.S. Patent 11,996,215 | U.S. Patent 12,170,157 | U.S. Patent 12,165,791 | U.S. Design Patent D935,731 | U.S. Design Patent D996,374 | U.S. Design Patent D1,015,280

Features & Benefits

- Cable System. Technically equivalent and economically superior to traditional raceway and wire installations.
- Durability. Higher resistance to chemicals, ozone, and abrasions for a longer lifespan in extreme environments which reduces the need for replacement or emergency repairs.
- Flame Resistance. More flame resistant and less toxic than XHHW & THHN in the event of fire.
- Voltage Rating. Lower dielectric constant leading to a higher resistance to leakage. Rated for 1000V applications.
- 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

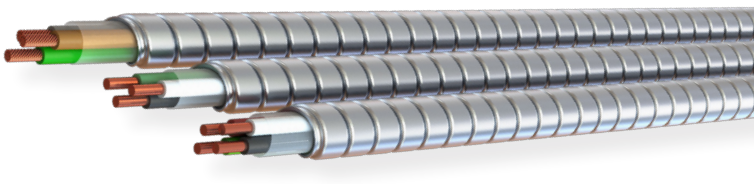
- Commercial, industrial, multi-residential branch circuits and feeder wiring-services for power, lighting, control and signal circuits.
- Can be exposed or concealed, fished, surface mounted, embedded in plaster, environmental air-handling spaces, open or messenger supported aerial runs, dry locations, 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 39

Type MC - Features & Benefits

MC Glide Lite®

Interlocked Aluminum Armor



U.S. Patent 11,996,215 | U.S. Patent 12,170,157 | U.S. Patent 12,165,791 | U.S. Design Patent D935,731 | U.S. Design Patent D996,374 | U.S. Design Patent D1,015,280

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

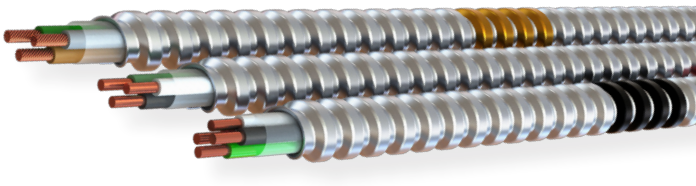
- Commercial, industrial, multi-residential branch circuits and feeder wiring-services for power, lighting, control and signal circuits.
- Can be exposed or concealed, fished, surface mounted, embedded in plaster, environmental air-handling spaces, open or messenger supported aerial runs, dry locations, 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®

Interlocked Galvanized Aluminum Armor



Features & Benefits

- Cable System. Technically equivalent and economically superior to traditional raceway and wire installations.
- RoHS Compliant. Aluminum armored cables are RoHS compliant.
- Made in USA of US and/or imported materials.

Applications

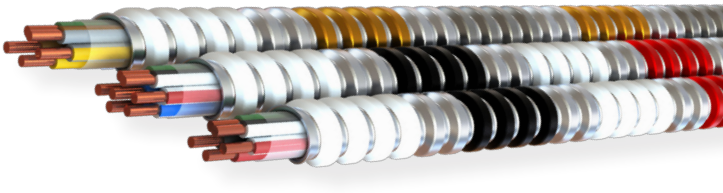
- Commercial, industrial, multi-residential branch circuits and feeder wiring-services for power, lighting, control and signal circuits.
- Can be exposed or concealed, fished, surface mounted, embedded in plaster, environmental air-handling spaces, open or messenger supported aerial runs, dry locations, 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 43

Type MC - Features & Benefits

MC-Plus®

Interlocked Galvanized Steel Armor
Neutral Per Phase



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.

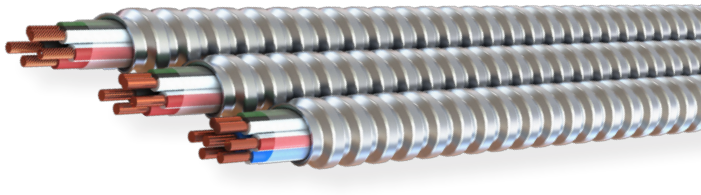
Refer to Page 46

Type MC - Features & Benefits

MC-Plus® Lite

Interlocked Aluminum Armor

Neutral Per Phase



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.
- 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.

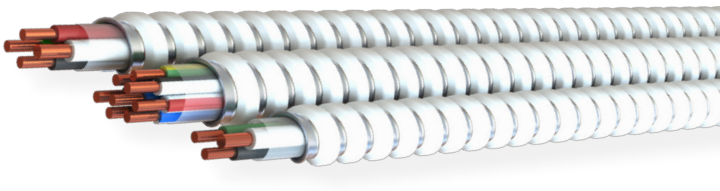
Refer to Page 48

Type MC - Features & Benefits

Super Neutral Cable®

Interlocked Galvanized Steel Armor

Neutral Per Phase or Oversized Neutral



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

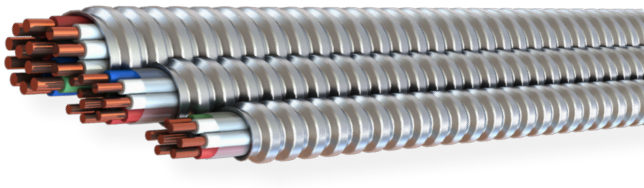
- Commercial, industrial, multi-residential branch circuits and feeder wiring-services for power, lighting, control and signal circuits.
- Branch circuit and feeder wiring for computers, programmable controllers, electronic discharge lighting, office machines and other electronic equipment that introduce 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.

Refer to Page 50

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

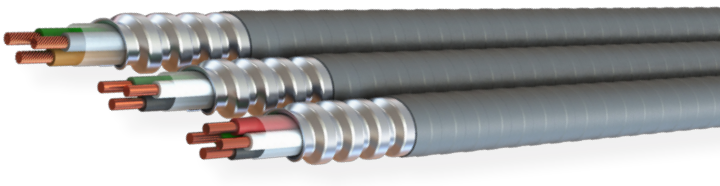
- Commercial, industrial, multi-residential branch circuits and feeder wiring-services for power, lighting, control and signal circuits.
- Multi-conductor runs from panel board to junction box for power, lighting, control and signal circuits, also used in repetitive home runs in multi-story hotels, dormitories, 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.

Refer to Page 51

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.

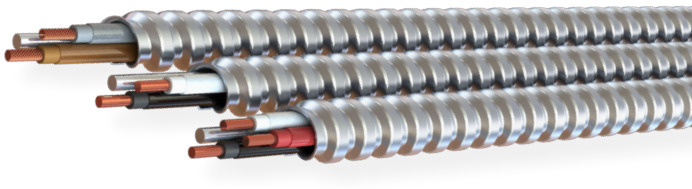
Applications

- 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.

Refer to Page 52

Type MC - Features & Benefits

MC-Quik® Lite
Interlocked Aluminum Armor - Type MCI-A



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.
- 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 54

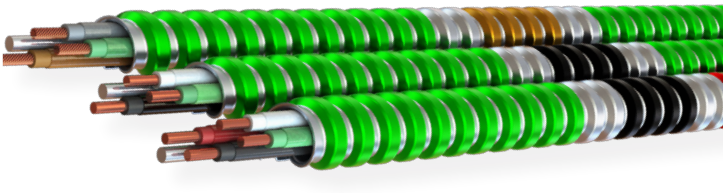
Type MC - Features & Benefits

MC-Stat® Lite

Interlocked Aluminum Armor - Type MCI-A

Health Care Facilities

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.
- 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.

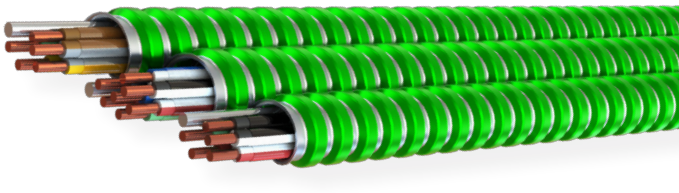
Refer to Page 58

Type MC - Features & Benefits

MC-Stat® Plus Lite

Interlocked Aluminum Armor - Type MCI-A

Health Care Facilities - Neutral Per Phase



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.
- 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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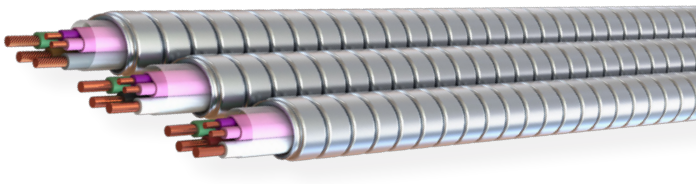
Type MC - Features & Benefits

MC Glide Luminary Lite®

Interlocked Aluminum Armor - Type MC-PCS



U.S. Patent 10,431,353 | U.S. Patent 11,996,215 | U.S. Patent 12,170,157 | U.S. Patent 12,165,791 | U.S. Design Patent D935,731 | U.S. Design Patent D996,374 | U.S. Design Patent D1,015,280

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.
- Made in USA of US and/or imported materials.

Applications

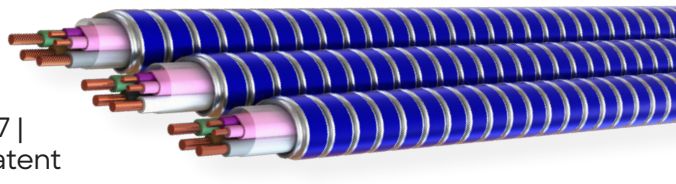
- Commercial, industrial, multi-residential branch circuits and feeder wiring-services for power, lighting, control and signal circuits, SMART buildings, daylight harvesting, casinos, hotels, shopping centers, retail centers.
- Use in LED and Fluorescent dimming systems.
- Can be exposed or concealed, 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.

Refer to Page 62

Type MC - Features & Benefits

MC Glide Luminary Tuff®

Interlocked Galvanized Steel Armor - Type MC-PCS



U.S. Patent 10,431,353 | U.S. Patent 11,996,215 | U.S. Patent 12,170,157 | U.S. Patent 12,165,791 | U.S. Design Patent D935,731 | U.S. Design Patent D996,374 | U.S. Design Patent D1,015,280

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

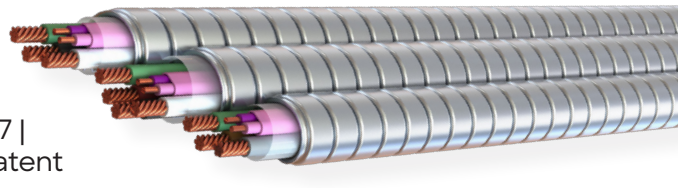
- Commercial, industrial, multi-residential branch circuits and feeder wiring-services for power, lighting, control, and signal circuits, SMART buildings, daylight harvesting, casinos, hotels, shopping centers, retail centers.
- Use in LED and Fluorescent dimming systems.
- Can be exposed or concealed, 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.

Refer to Page 64

Type MC - Features & Benefits

MC Glide Luminary Tuff® - XHHW-2

Interlocked Galvanized Steel Armor - Type MC-PCS



U.S. Patent 10,431,353 | U.S. Patent 11,996,215 | U.S. Patent 12,170,157 | U.S. Patent 12,165,791 | U.S. Design Patent D935,731 | U.S. Design Patent D996,374 | U.S. Design Patent D1,015,280

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.
- XHHW-2 Power Conductor Durability. Higher resistance to chemicals, ozone, and abrasions for a longer lifespan in extreme environments which reduces the need for replacement or emergency repairs.
- XHHW-2 Power Conductor Flame Resistance. More flame resistant and less toxic than XHHW & THHN in the event of fire
- 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.
- Made in USA of US and/or imported materials.

Applications

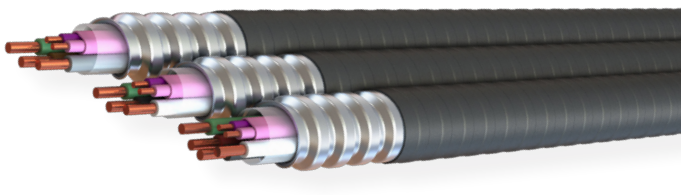
- Commercial, industrial, multi-residential branch circuits and feeder wiring-services for power, lighting, control, and signal circuits, SMART buildings, daylight harvesting, casinos, hotels, shopping centers, retail centers.
- Use in LED and Fluorescent dimming systems.
- Can be exposed or concealed, 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.

Refer to Page 66

Type MC - Features & Benefits

MC Luminary® PVC Jacketed

Interlocked Galvanized Steel Armor with
Overall PVC Jacket - Type MC-PCS



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

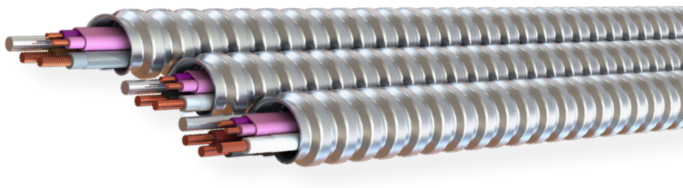
- Branch circuit and feeder wiring for lighting, control and signal circuits in wet, dirty or oily locations, buried directly in earth or concrete, surface mounted or trenched for use in parking deck or parking lot applications, golf courses, ski mountains, docks, marinas, pumping stations and stadium 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.

Refer to Page 67

Type MC - Features & Benefits

MC-Luminary Quik® Lite

Interlocked Aluminum Armor - Type MC-PCS



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.
- 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.

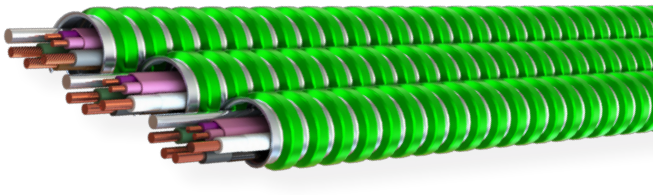
Refer to Page 68

Type MC - Features & Benefits

MC Luminary HCF® Lite

Interlocked Aluminum Armor - Type MC-PCS

Health Care Facilities Lighting Cable



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.
- 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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MC Glide Tuff®

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. Patent 11,996,215 | U.S. Patent 12,170,157 | U.S. Patent 12,165,791 | U.S. Design Patent D935,731 | U.S. Design Patent D996,374 | U.S. Design Patent D1,015,280

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
12-4	12-3 Solid (Black, Red, Blue)	12-1 Solid (White)	12-1 Solid (Green)	S006B42T00	S006B60T00	207	0.500
12-4	12-3 Solid (Brown, Orange, Yellow)	12-1 Solid (Gray)	12-1 Solid (Green)	S006B42T01	S006B60T01	207	0.500

Continues on next page

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)
Solid							
10-2	10-1 Solid (Black)	10-1 Solid (White)	10-1 Solid (Green)	S007B42T00	S007B60T00	198	0.500
10-2	10-1 Solid (Brown)	10-1 Solid (Gray)	10-1 Solid (Green)	S007B42T01	S007B60T01	198	0.500
10-2	10-1 Solid (Orange)	10-1 Solid (Gray)	10-1 Solid (Green)	S007B42T02	S007B60T02	198	0.500
10-2	10-1 Solid (Yellow)	10-1 Solid (Gray)	10-1 Solid (Green)	S007B42T03	S007B60T03	198	0.500
10-2	10-1 Solid (Red)	10-1 Solid (White)	10-1 Solid (Green)	S007B42T04	S007B60T04	198	0.500
10-2	10-1 Solid (Blue)	10-1 Solid (White)	10-1 Solid (Green)	S007B42T05	S007B60T05	198	0.500
10-2	10-1 Solid (Purple)	10-1 Solid (Gray)	10-1 Solid (Green)	S007B42T07	S007B60T07	198	0.500
10-3	10-2 Solid (Black, Red)	10-1 Solid (White)	10-1 Solid (Green)	S008B42T00	S008B60T00	245	0.550
10-3	10-2 Solid (Brown, Orange)	10-1 Solid (Gray)	10-1 Solid (Green)	S008B42T01	S008B60T01	245	0.550
10-2 I.G.[1]	10-1 Solid (Black)	10-1 Solid (White)	10-2 Solid (Green, Green/Yellow)	S008B42T80	S008B60T80	245	0.550
10-4	10-3 Solid (Black, Red, Blue)	10-1 Solid (White)	10-1 Solid (Green)	S009B42T00	S009B60T00	284	0.585
10-4	10-3 Solid (Brown, Orange, Yellow)	10-1 Solid (Gray)	10-1 Solid (Green)	S009B42T01	S009B60T01	284	0.585
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 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
12-4	12-3 Stranded (Black, Red, Blue)	12-1 Stranded (White)	12-1 Stranded (Green)	S060B42T00	S060B60T00	211	0.495
10-2	10-1 Stranded (Black)	10-1 Stranded (White)	10-1 Stranded (Green)	S061B42T00	S061B60T00	205	0.495
10-3	10-2 Stranded (Black, Red)	10-1 Stranded (White)	10-1 Stranded (Green)	S062B42T00	S062B60T00	250	0.550
10-4	10-3 Stranded (Black, Red, Blue)	10-1 Stranded (White)	10-1 Stranded (Green)	S063B42T00	S063B60T00	300	0.585
10-4	10-3 Stranded (Brown, Orange, Yellow)	10-1 Stranded (Gray)	10-1 Stranded (Green)	S063B42T01	S063B60T01	300	0.585

Note: All dimensions and weights are subject to normal manufacturing tolerances. Other conductor colors available by special order.
Special orders are subject to lead times and minimum order quantities.
[1]I.G. = Isolated Ground, an additional insulated green copper grounding conductor with yellow stripe.

Interlocked Lightweight Galvanized Steel Armor

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)	S004B93T00	2500	152	0.440
12-2	12-1 Solid (Brown)	12-1 Solid (Gray)	12 Solid (Green)	S004B93T01	2500	152	0.440
12-2	12-1 Solid (Orange)	12-1 Solid (Gray)	12 Solid (Green)	S004B93T02	2500	152	0.440
12-2	12-1 Solid (Yellow)	12-1 Solid (Gray)	12 Solid (Green)	S004B93T03	2500	152	0.440
12-3	12-2 Solid (Black, Red)	12-1 Solid (White)	12 Solid (Green)	S005B92T00	2000	178	0.460
12-3	12-2 Solid (Brown, Orange)	12-1 Solid (Gray)	12 Solid (Green)	S005B92T01	2000	178	0.460
12-4	12-3 Solid (Black, Red, Blue)	12-1 Solid (White)	12 Solid (Green)	S006B91T00	1500	207	0.500
12-4	12-3 Solid (Brown, Orange, Yellow)	12-1 Solid (Gray)	12 Solid (Green)	S006B91T01	1500	207	0.500
10-2	10-1 Solid (Black)	10-1 Solid (White)	10 Solid (Green)	S007B91T00	1500	198	0.500

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

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 Solid (Green)	S004B76T00	6000	152	0.440
12-2	12-1 Solid (Brown)	12-1 Solid (Gray)	12 Solid (Green)	S004B76T01	6000	152	0.440
12-2	12-1 Solid (Red)	12-1 Solid (White)	12 Solid (Green)	S004B76T04	6000	152	0.440
12-2	12-1 Solid (Blue)	12-1 Solid (White)	12 Solid (Green)	S004B76T05	6000	152	0.440

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

MC Glide Tuff® - XHHW-2

Interlocked Lightweight Galvanized Steel Armor

Armor
- Lightweight Interlocked Galvanized Steel Strip

Conductors
- Stranded Copper

Conductors Insulation
- XHHW-2

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 44,1479,1569,1581, 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. Patent 11,996,215 | U.S. Patent 12,170,157 | U.S. Patent 12,165,791 | U.S. Design Patent D935,731 | U.S. Design Patent D996,374 | U.S. Design Patent D1,015,280

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)	SX58-42-00	SX58-60-00	173	0.511
12-2	12-1 Stranded (Brown)	12-1 Stranded (Gray)	12-1 Stranded (Green)	SX58-42-01	SX58-60-01	173	0.511
12-3	12-2 Stranded (Black, Red)	12-1 Stranded (White)	12-1 Stranded (Green)	SX59-42-00	SX59-60-00	209	0.550
12-3	12-2 Stranded (Brown, Orange)	12-1 Stranded (Gray)	12-1 Stranded (Green)	SX59-42-01	SX59-60-01	209	0.550
12-4	12-3 Stranded (Black, Red, Blue)	12-1 Stranded (White)	12-1 Stranded (Green)	SX60-42-00	SX60-60-00	244	0.594
12-4	12-3 Stranded (Brown, Orange, Yellow)	12-1 Stranded (Gray)	12-1 Stranded (Green)	SX60-42-01	SX60-60-01	244	0.594
10-2	10-1 Stranded (Black)	10-1 Stranded (White)	10-1 Stranded (Green)	SX61-42-00	SX61-60-00	215	0.560
10-2	10-1 Stranded (Brown)	10-1 Stranded (Gray)	10-1 Stranded (Green)	SX61-42-01	SX61-60-01	215	0.560
10-3	10-2 Stranded (Black, Red)	10-1 Stranded (White)	10-1 Stranded (Green)	SX62-42-00	SX62-60-00	270	0.606
10-3	10-2 Stranded (Brown, Orange)	10-1 Stranded (Gray)	10-1 Stranded (Green)	SX62-42-01	SX62-60-01	270	0.606
10-4	10-3 Stranded (Black, Red, Blue)	10-1 Stranded (White)	10-1 Stranded (Green)	SX63-42-00	SX63-60-00	316	0.658
10-4	10-3 Stranded (Brown, Orange, Yellow)	10-1 Stranded (Gray)	10-1 Stranded (Green)	SX63-42-01	SX63-60-01	316	0.658

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

MC Glide Lite®

Interlocked Aluminum Armor

Armor
- Interlocked Aluminum Strip

Conductors
- Solid or Stranded Copper

Conductors Insulation
- THHN/THWN

Assembly Covering
- Polypropylene Tape

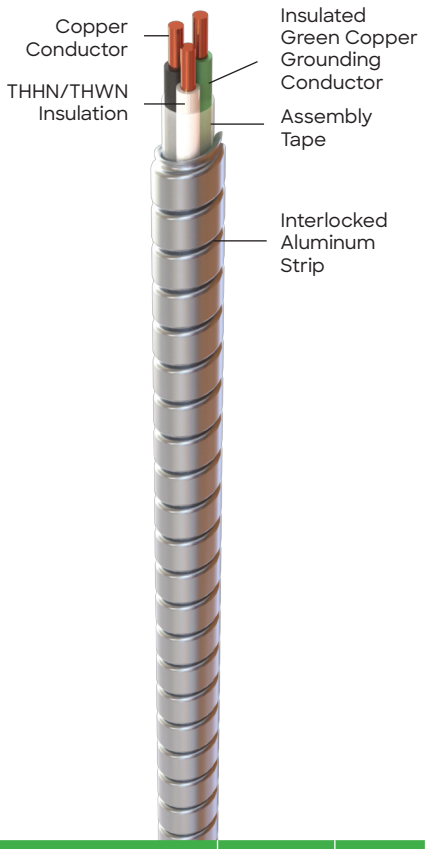
Neutral Conductor
- White 120/208V
- Gray 277/480V

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. Patent 11,996,215 | U.S. Patent 12,170,157 | U.S. Patent 12,165,791 | U.S. Design Patent D935,731 | U.S. Design Patent D996,374 | U.S. Design Patent D1,015,280



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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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
12-3 I.G.[1]	12-2 Solid (Black, Red)	12-1 Solid (White)	12-2 Solid (Green, Green/Yellow)	A006-42-80	A006-60-80	148	0.500
12-4	12-3 Solid (Black, Red, Blue)	12-1 Solid (White)	12-1 Solid (Green)	A006-42-00	A006-60-00	148	0.500
12-4	12-3 Solid (Brown, Orange, Yellow)	12-1 Solid (Gray)	12-1 Solid (Green)	A006-42-01	A006-60-01	148	0.500
10-2	10-1 Solid (Black)	10-1 Solid (White)	10-1 Solid (Green)	A007-42-00	A007-60-00	145	0.500
10-2	10-1 Solid (Brown)	10-1 Solid (Gray)	10-1 Solid (Green)	A007-42-01	A007-60-01	145	0.500
10-2	10-1 Solid (Orange)	10-1 Solid (Gray)	10-1 Solid (Green)	A007-42-02	A007-60-02	145	0.500
10-2	10-1 Solid (Yellow)	10-1 Solid (Gray)	10-1 Solid (Green)	A007-42-03	A007-60-03	145	0.500
10-2	10-1 Solid (Red)	10-1 Solid (White)	10-1 Solid (Green)	A007-42-04	A007-60-04	145	0.500
10-2	10-1 Solid (Blue)	10-1 Solid (White)	10-1 Solid (Green)	A007-42-05	A007-60-05	145	0.500
10-3	10-2 Solid (Black, Red)	10-1 Solid (White)	10-1 Solid (Green)	A008-42-00	A008-60-00	181	0.535
10-3	10-2 Solid (Brown, Orange)	10-1 Solid (Gray)	10-1 Solid (Green)	A008-42-01	A008-60-01	181	0.535
10-3	10-2 Solid (Orange, Yellow)	10-1 Solid (Gray)	10-1 Solid (Green)	A008-42-02	A008-60-02	181	0.535
10-3	10-2 Solid (Brown, Yellow)	10-1 Solid (Gray)	10-1 Solid (Green)	A008-42-03	A008-60-03	181	0.535
10-3	10-2 Solid (Red, Blue)	10-1 Solid (White)	10-1 Solid (Green)	A008-42-04	A008-60-04	181	0.535
10-3	10-2 Solid (Black, Blue)	10-1 Solid (White)	10-1 Solid (Green)	A008-42-05	A008-60-05	181	0.535
10-4	10-3 Solid (Black, Red, Blue)	10-1 Solid (White)	10-1 Solid (Green)	A009-42-00	A009-60-00	220	0.585
10-4	10-3 Solid (Brown, Orange, Yellow)	10-1 Solid (Gray)	10-1 Solid (Green)	A009-42-01	A009-60-01	220	0.585
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
12-4	12-3 Stranded (Black, Red, Blue)	12-1 Stranded (White)	12-1 Stranded (Green)	A060-42-00	A060-60-00	156	0.505
12-4	12-3 Stranded (Brown, Orange, Yellow)	12-1 Stranded (Gray)	12-1 Stranded (Green)	A060-42-01	A060-60-01	156	0.505
10-2	10-1 Stranded (Black)	10-1 Stranded (White)	10-1 Stranded (Green)	A061-42-00	A061-60-00	152	0.510
10-2	10-1 Stranded (Brown)	10-1 Stranded (Gray)	10-1 Stranded (Green)	A061-42-01	A061-60-01	152	0.510
10-2	10-1 Stranded (Orange)	10-1 Stranded (Gray)	10-1 Stranded (Green)	A061-42-02	A061-60-02	152	0.510
10-2	10-1 Stranded (Yellow)	10-1 Stranded (Gray)	10-1 Stranded (Green)	A061-42-03	A061-60-03	152	0.510

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MC Glide Lite®

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							
10-3	10-2 Stranded (Black, Red)	10-1 Stranded (White)	10-1 Stranded (Green)	A062-42-00	A062-60-00	191	0.550
10-3	10-2 Stranded (Brown, Orange)	10-1 Stranded (Gray)	10-1 Stranded (Green)	A062-42-01	A062-60-01	191	0.550
10-4	10-3 Stranded (Black, Red, Blue)	10-1 Stranded (White)	10-1 Stranded (Green)	A063-42-00	A063-60-00	232	0.595
10-4	10-3 Stranded (Brown, Orange, Yellow)	10-1 Stranded (Gray)	10-1 Stranded (Green)	A063-42-01	A063-60-01	232	0.595

Note: All dimensions and weights are subject to normal manufacturing tolerances. Other conductor colors available by special order.
Special orders are subject to lead times and minimum order quantities.
[1]I.G. = Isolated Ground, an additional insulated green copper grounding conductor with yellow stripe.

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)	12-1 Solid (Green)	A004-93-00	2500	103	0.440
12-2	12-1 Solid (Brown)	12-1 Solid (Gray)	12-1 Solid (Green)	A004-93-01	2500	103	0.440
12-3	12-2 Solid (Black, Red)	12-1 Solid (White)	12-1 Solid (Green)	A005-92-00	2000	130	0.460
12-3	12-2 Solid (Brown, Orange)	12-1 Solid (Gray)	12-1 Solid (Green)	A005-92-01	2000	130	0.460
10-2	10-1 Solid (Black)	10-1 Solid (White)	10-1 Solid (Green)	A007-91-00	1500	145	0.500
10-2	10-1 Solid (Brown)	10-1 Solid (Gray)	10-1 Solid (Green)	A007-91-01	1500	145	0.500
10-3	10-2 Solid (Black, Red)	10-1 Solid (White)	10-1 Solid (Green)	A008-90-00	1000	181	0.535
10-3	10-2 Solid (Brown, Orange)	10-1 Solid (Gray)	10-1 Solid (Green)	A008-90-01	1000	181	0.535
10-4	10-3 Solid (Black, Red, Blue)	10-1 Solid (White)	10-1 Solid (Green)	A009-90-00	1000	220	0.585
10-4	10-3 Solid (Brown, Orange, Yellow)	10-1 Solid (Gray)	10-1 Solid (Green)	A009-90-01	1000	220	0.585
Stranded							
12-2	12-1 Stranded (Black)	12-1 Stranded (White)	12-1 Stranded (Green)	A058-92-00	2000	106	0.440
12-2	12-1 Stranded (Brown)	12-1 Stranded (Gray)	12-1 Stranded (Green)	A058-92-01	2000	106	0.440
12-3	12-2 Stranded (Black, Red)	12-1 Stranded (White)	12-1 Stranded (Green)	A059-91-00	1500	135	0.460
12-3	12-2 Stranded (Brown, Orange)	12-1 Stranded (Gray)	12-1 Stranded (Green)	A059-91-01	1500	135	0.460

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

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)	A004-76-00	6000	103	0.440
12-2	12-1 Solid (Brown)	12-1 Solid (Gray)	12-1 Solid (Green)	A004-76-01	6000	103	0.440
12-3	12-1 Solid (Black, Red)	12-1 Solid (White)	12-1 Solid (Green)	A005-76-00	6000	130	0.460

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

Interlocked Aluminum Armor

Armor
- Interlocked Aluminum Strip

Conductors
- Solid or Stranded Copper

Conductor Insulation
- THHN/THWN

Assembly Covering
- Polypropylene Tape

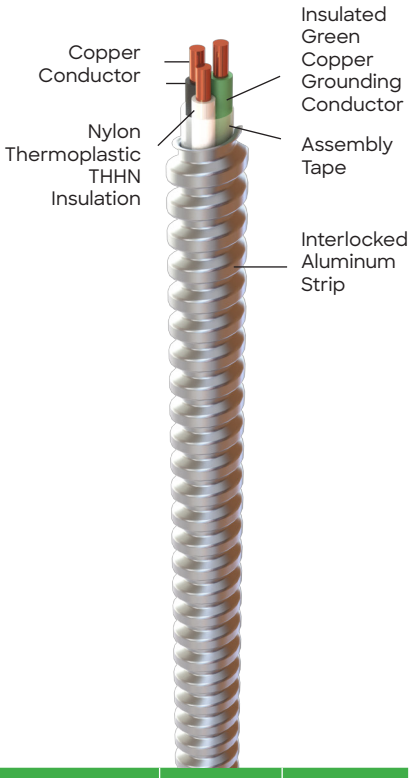
Neutral Conductor
- White 120/208V
- Gray 277/480 V

Grounding
- One or more Insulated Green Copper Grounding Conductors

Maximum Voltage Rating
- 600 V

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 HUB requirements
- May be surface mounted, fished, and/or embedded in plaster
- Made in US of US and / or imported materials
- Aluminum armored cables are RoHS compliant



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)	2117-45-01	2117-60-01	500 R	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	2119-65-00	1,000 R	2,500 R	320	0.816
6-2	6-1 Stranded (Brown)	6-1 Stranded (Gray)	8-1 Stranded (Green)	2119-60-01	—	1,000 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	2120-65-00	1,000 R	2,500 R	429	0.855
6-3	6-2 Stranded (Brown, Orange)	6-1 Stranded (Gray)	8-1 Stranded (Green)	2120-45-01	2120-60-01	500 R	1,000 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)	2121-45-01	2121-60-01	500 R	1,000 R	532	1.026

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Interlocked Aluminum Armor

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									
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)	2129-45-00	2129-60-00	500 R	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)	2137-45-00	2137-60-00	500 R	1,000 R	1191	1.313
1-4	1-3 Stranded (Black, Red, Blue)	1-1 Stranded (White)	6-1 Stranded (Green)	2138-45-00	2138-60-00	500 R	1,000 R	1498	1.356

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

Interlocked Galvanized Steel Armor - Neutral Per Phase

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

Conductors
- Solid Copper

Conductor Insulation
- THHN/THWN

Assembly Covering
- Polypropylene Tape

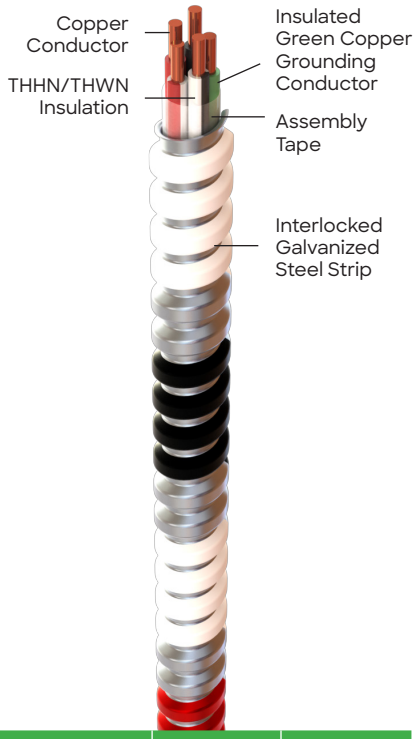
Neutral Conductor
- White 120/ 208V
- Gray 277/ 480V

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′ Coils	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
12-6	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
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)	3908-42-01	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 orders are subject to lead times and minimum order quantities.

Interlocked Galvanized Steel Armor - Neutral Per Phase

Two Wire	Phase Colors	Neutrals
-00	Black, Red	White w/Black Stripe, White w/Red 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, Gray w/Orange Stripe, Gray 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/Red Stripe and Printed "1", White w/Red Stripe and Printed "2", White w/Blue Stripe and Printed "1", White w/Blue Stripe and Printed "2"

MC-Plus® Lite

Interlocked Aluminum Armor - Neutral Per Phase

Armor
- Interlocked Aluminum Strip

Conductors
- Solid or Stranded Copper

Conductor Insulation
- THHN/THWN

Assembly Covering
- Polypropylene Tape

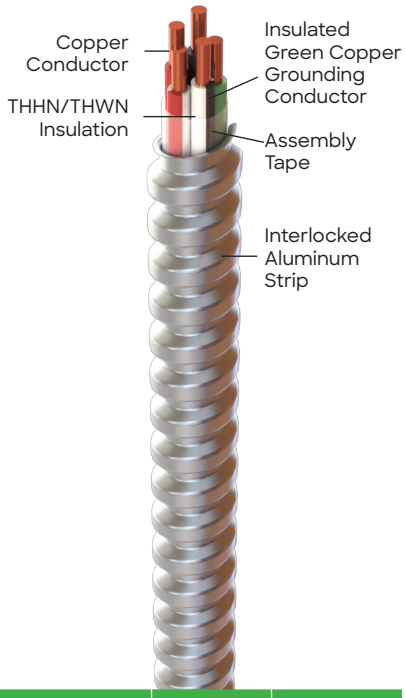
Neutral Conductor
- White 120/ 208V
- Gray 277/ 480v

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



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	12-2 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
10-4	10-2 Solid (Orange, Yellow)	10-2 Solid (2) (Gray)	10-1 Solid (Green)	3607-42-702	3607-60-702	241	0.667
10-4	10-2 Solid (Brown, Yellow)	10-2 Solid (2) (Gray)	10-1 Solid (Green)	3607-42-703	3607-60-703	241	0.667
10-4	10-2 Solid (Red, Blue)	10-2 Solid (2) (White)	10-1 Solid (Green)	3607-42-704	3607-60-704	241	0.667
10-4	10-2 Solid (Black, Blue)	10-2 Solid (2) (White)	10-1 Solid (Green)	3607-42-705	3607-60-705	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

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Interlocked Aluminum Armor - Neutral Per Phase

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	12-2 Stranded (Black, Red)	12-2 Stranded (2) (White)	12-1 Stranded (Green)	3658-42-700	3658-60-700	169	0.613
12-4	12-2 Stranded (Brown, Orange)	12-2 Stranded (2) (Gray)	12-1 Stranded (Green)	3658-42-701	3658-60-701	169	0.613
12-4	12-2 Stranded (Red, Blue)	12-2 Stranded (2) (White)	12-1 Stranded (Green)	3658-42-704	3658-60-704	169	0.613
12-4	12-2 Stranded (Black, Blue)	12-2 Stranded (2) (White)	12-1 Stranded (Green)	3658-42-705	3658-60-705	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
12-6	12-3 Stranded (Brown, Orange, Yellow)	12-3 Stranded (3) (Gray)	12-1 Stranded (Green)	3659-42-701	3659-60-701	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
10-4	10-2 Stranded (Brown, Orange)	10-2 Stranded (2) (Gray)	10-1 Stranded (Green)	3661-42-701	3661-60-701	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
10-6	10-3 Stranded (Brown, Orange, Yellow)	10-3 Stranded (3) (Gray)	10-1 Stranded (Green)	3662-44-701†	3662-60-701	365	0.755

Note: All dimensions and weights are subject to normal manufacturing tolerances.
Special orders are subject to lead times and minimum order quantities.
†"44" Put-up code is for 250' Reels

Two Wire	Phase Colors	Neutrals
-700	Black, Red	White w/Black Stripe, White w/Red 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, Gray w/Orange Stripe, Gray w/Yellow Stripe
Four Wire	**Phase Colors**	**Neutrals**
-714	Black, Red, Blue, Pink	White w/ Black, White w/ Red Stripe, White w/ Blue Stripe, White w/ Pink Stripe
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/Red Stripe and Printed "1", White w/Red Stripe and Printed "2", White w/ Blue Stripe and Printed "1", White w/Blue Stripe and Printed "2"

Super Neutral Cable®

Interlocked Galvanized Steel Armor - Neutral Per Phase Or Oversized Neutral

Armor
- Interlocked Galvanized Steel Strip Color-Coded White[1]

Conductors
- Solid Copper
- Stranded Copper: 8AWG and larger

Conductor Insulation
- THHN/THWN

Assembly Covering
- Polypropylene Tape

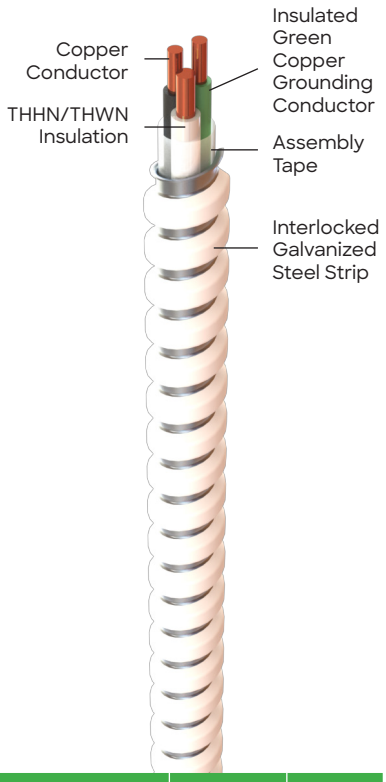
Neutral Conductor
- White 120/208V
- Gray 277/480V

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.[1]	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.[1]	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.[1]	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.
[1]I.G. = Isolated Ground, an additional insulated green copper grounding conductor with yellow stripe.
Special orders are subject to lead times and minimum order quantities.

Interlocked Galvanized Steel Armor

Armor
- Interlocked Galvanized Steel Strip

Conductors
- Solid Copper

Conductor Insulation
- THHN/THWN

Assembly Covering
- Polypropylene Tape

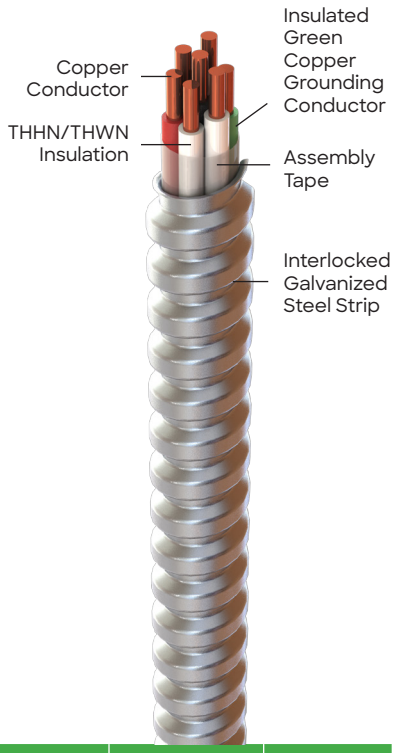
Neutral Conductors
- White 120/208V

Grounding
- Insulated Green 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)
- 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



Conductor				Product Code	Length	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
10-8	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. Each conductor is numbered for easy identification.
Special orders are subject to lead times and minimum order quantities.
‡Cut to order.

Four Wire - Phase Colors	Phase Colors	Neutral Color
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**	**Neutral Color**
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 - Neutral Colors**
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 - Neutral Colors**
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

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

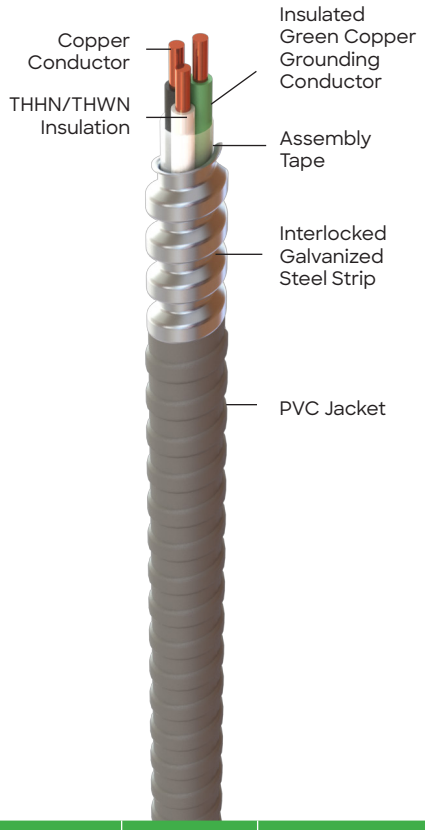
Neutral Conductors
- White 120/208V
- Gray 277/480V

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)
- Damp or Wet Locations per NEC® 330.10(A)(11)(C)
- UL Listed for direct burial in earth or concrete encasement
- UL Listed for - 40 C low temperature
- UL Listed Sunlight Resistant
- UL Listed Oil Resistant II
- 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		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′ Coils	1000′ Reel	(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	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	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	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	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	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	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	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	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	347	0.619	0.719
10-3	10-2 Solid (Brown, Orange)	10-1 Solid (Gray)	10-1 Solid (Green)	2308-42-01	2308-60-01	347	0.619	0.719
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 Stranded (Green)	2320-99-00 ‡		757	0.950	1.050

Note: All dimensions and weights are subject to normal manufacturing tolerances.
Special orders are subject to lead times and minimum order quantities.
‡Cut to order.


3
EXIT
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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

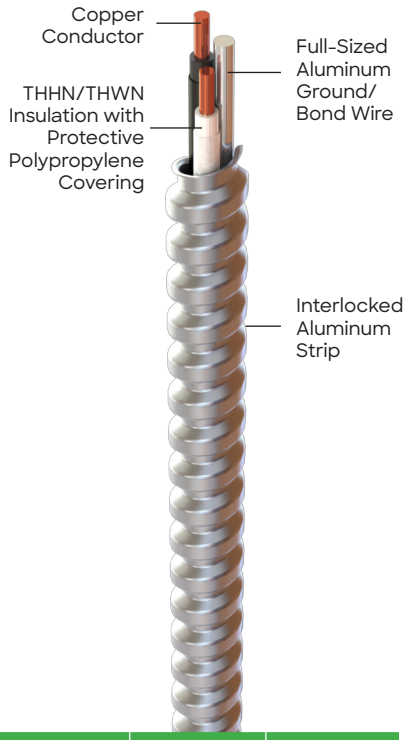
Neutral Conductor
- White 120/208V
- Gray 277/480V

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
- 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)	Bare Alum. Ground / 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
12-3	12-2 Solid (Orange, Yellow)	12-1 Solid (Gray)	10-1 Solid	3105Z42-02	3105Z60-02	122	0.523
12-3	12-2 Solid (Brown, Yellow)	12-1 Solid (Gray)	10-1 Solid	3105Z42-03	—	122	0.523
12-3	12-2 Solid (Red, Blue)	12-1 Solid (White)	10-1 Solid	3105Z42-04	3105Z60-04	122	0.523
12-3	12-2 Solid (Black, Blue)	12-1 Solid (White)	10-1 Solid	3105Z42-05	3105Z60-05	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
12-4	12-3 Solid (Brown, Orange, Yellow)	12-1 Solid (Gray)	10-1 Solid	3106Z42-01	3106Z60-01	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
10-3	10-2 Solid (Brown, Orange)	10-1 Solid (Gray)	8-1 Solid	—	3108Z60-01	178	0.601
10-4	10-3 Solid (Black, Red, Blue)	10-1 Solid (White)	8-1 Solid	—	3109Z60-00	224	0.651

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Interlocked Aluminum Armor

Conductor				Product Code		Approx. Weight	Approx. Armor O.D.
Trade Size	Phase Conductor AWG (Color)	Neutral Conductor AWG (Color)	Bare Alum. Ground / 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	3159Z60-00	127	0.539
12-3	12-2 Stranded (Brown, Orange)	12-1 Stranded (Gray)	10-1 Solid	3159Z42-01	3159Z60-01	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 orders are subject to lead times and minimum order quantities.
Use with an MCI-A listed connectors.

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)
14-2	14-1 Solid (Black)	14-1 Solid (White)	12-1 Solid	3101Z76-00	6000	66	0.422
14-3	14-2 Solid (Black, Red)	14-1 Solid (White)	12-1 Solid	3102Z76-00	6000	88	0.467
12-2	12-1 Solid (Black)	12-1 Solid (White)	10-1 Solid	3104Z76-00	6000	90	0.463
12-3	12-2 Solid (Black, Red)	12-1 Solid (White)	10-1 Solid	3105Z76-00	6000	122	0.523
12-4	12-3 Solid (Black, Red, Blue)	12-1 Solid (White)	10-1 Solid	3106Z76-00	6000	167	0.565
10-3	10-2 Solid (Black, Red)	10-1 Solid (White)	8-1 Solid	3108Z76-00	6000	178	0.601

Note: All dimensions and weights are subject to normal manufacturing tolerances. Other conductor colors available by special order.
Special orders are subject to lead times and minimum order quantities.
Use with an MCI-A listed connectors.

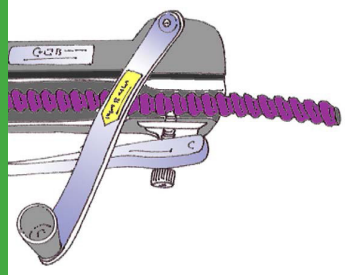
Interlocked Aluminum Armor

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							
14-2	14-1 Solid (Black)	14-1 Solid (White)	12-1 Solid	3101Z93-00	2500	185	0.422
14-3	14-2 Solid (Black, Red)	14-1 Solid (White)	12-1 Solid	3102Z92-00	2000	196	0.467
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
12-3	12-2 Solid (Black, Red)	12-1 Solid (White)	10-1 Solid	3105Z92-00	2000	264	0.523
12-3	12-2 Solid (Brown, Orange)	12-1 Solid (Gray)	10-1 Solid	3105Z92-01	2000	264	0.523
10-2	10-1 Solid (Black)	10-1 Solid (White)	8-1 Solid	3107Z91-00	1500	217	0.525
Stranded							
12-2	12-1 Stranded (Black)	12-1 Stranded (White)	10-1 Solid	3158Z92-00	2000	208	0.482
12-2	12-1 Stranded (Brown)	12-1 Stranded (Gray)	10-1 Solid	3158Z92-01	2000	208	0.482

Special orders are subject to lead times and minimum order quantities.
Use with an MCI-A listed connectors.
Approx. Weight = Weight of barrel + total product length weight.

Installation Instructions MC-Quik® Type MC Cable

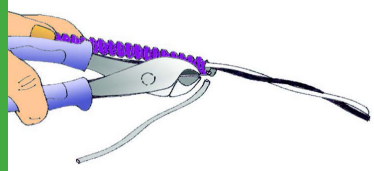


Cut the cable to length needed and remove armor approximately 6-inches from end using a rotary cutting tool designed for use with Interlocked Metal-Clad Cable and remove armor.

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).

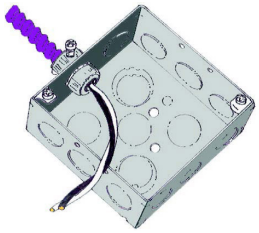
Separate the bare aluminum grounding/bonding conductor from the cable assembly by folding the bare aluminum grounding/bonding conductor back approximately 120˚.

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.



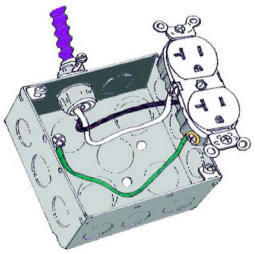
Cut the aluminum bare grounding/bonding conductor flush with the end of the armor using a suitable tool.

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.



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.



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

Interlocked Aluminum Armor - Health Care Facilities

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

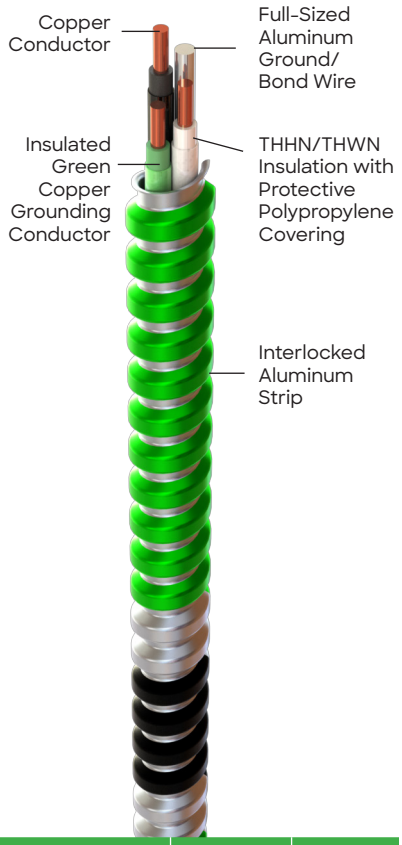
Neutral Conductors
- White 120/208V
- Gray 277/480V

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
- 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	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
10-3	10-2 Solid (Brown, Orange)	10-1 Solid (Gray)	10-1 Solid (Green)	8-1 Solid	—	5808-60-01	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
10-4	10-3 Solid (Brown, Orange, Yellow)	10-1 Solid (Gray)	10-1 Solid (Green)	8-1 Solid	—	5809-60-01	301	0.716

Continues on next page

Interlocked Aluminum Armor - Health Care Facilities

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	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	5859-60-00	164	0.585
12-3	12-2 Stranded (Brown, Orange)	12-1 Stranded (Gray)	12-1 Stranded (Green)	10-1 Solid	5859-42-01	5859-60-01	164	0.585
12-4	12-3 Stranded (Black, Red, Blue)	12-1 Stranded (White)	12-1 Stranded (Green)	10-1 Solid	5860-42-00	5860-60-00	211	0.645
12-4	12-3 Stranded (Brown, Orange, Yellow)	12-1 Stranded (Gray)	12-1 Stranded (Green)	10-1 Solid	5860-42-01	5860-60-01	211	0.645

Note: All dimensions and weights are subject to normal manufacturing tolerances. Other conductor colors available by special order.
Special orders are subject to lead times and minimum order quantities.
Use with an MCI-A Listed Connector.

MC-Stat® Plus Lite

Interlocked Aluminum Armor - Health Care Facilities

Armor
- Interlocked Aluminum Strip Color-Coded Lime Green

Conductors
- Solid Copper

Conductor Insulation
- THHN/THWN w/ Protective Polypropylene Covering

Assembly Covering
- Wrap Free design

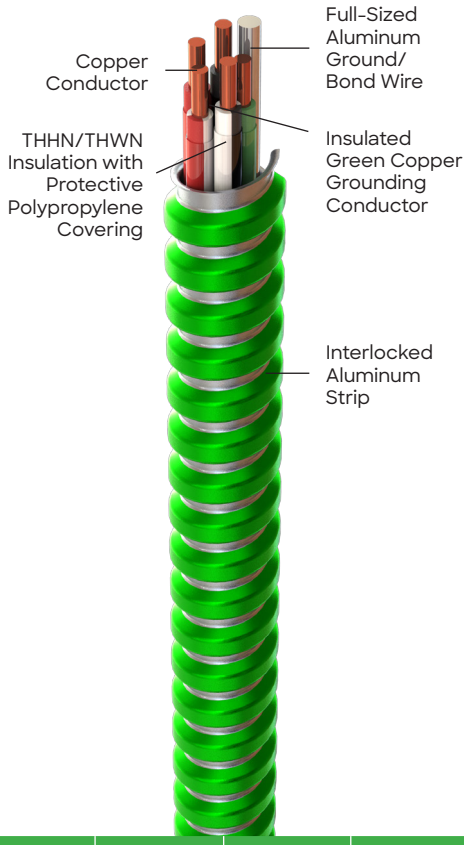
Neutral Conductors
- White 120/208V

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)

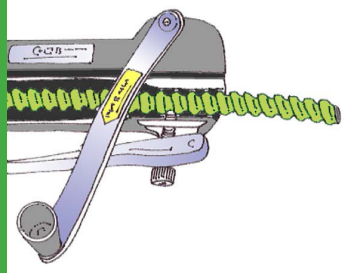
References & Ratings
- UL 83,1479,1569,1581, 2556, File UL 83,1479,1569,1581, 2556, File Reference E80042
- NEC® 230, 250, 300, 330, 392, 396, 501, 502, 503, 505, 517, 518, 520, 530, 645
- NEC® 300.22 (C) Other Spaces Used For Environmental Air (Plenums)
- UL classified 1, 2, and 3, hour through (Fire) 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
- 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

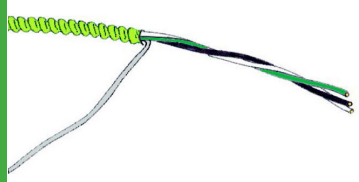
Note: All dimensions and weights are subject to normal manufacturing tolerances. Other conductor colors available by special order.
Special orders are subject to lead times and minimum order quantities.
Use with an MCI-A Listed connectors.

Installation Instructions MC-Stat® Type MC Cable



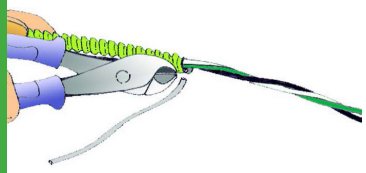
Cut the cable to length needed and remove armor approximately 6-inches from end using a rotary cutting tool designed for use with Interlocked Metal-Clad Cable and remove armor.

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).



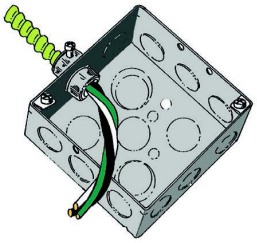
Separate the bare aluminum grounding/bonding conductor from the cable assembly by folding the bare aluminum grounding/bonding conductor back approximately 120˚.

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.



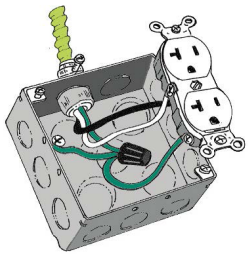
Cut the aluminum bare grounding/bonding conductor flush with the end of the armor using a suitable tool.

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.



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).



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).

MC Glide Luminary Lite®

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

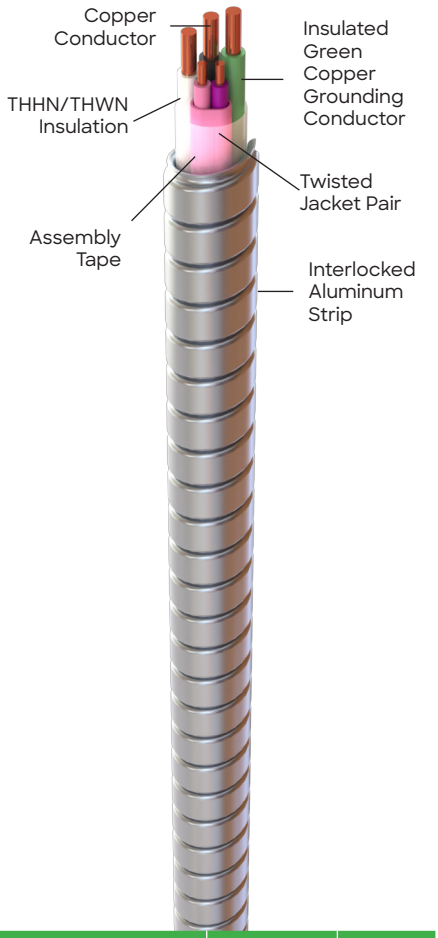
Grounding
- Insulated Green Copper Grounding Conductor

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

Maximum Voltage Rating
- 600V

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® section725.136 (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. Patent 11,996,215 | U.S. Patent 12,170,157 | U.S. Patent 12,165,791 | U.S. Design Patent D935,731 | U.S. Design Patent D996,374 | U.S. Design Patent D1,015,280



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' Coils	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)	AL04-42-L00	AL04-60-L00	145	0.560
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	0.560
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	0.560
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	0.560
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	0.560
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	0.560
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	0.560
12-3	12-2 Solid (Black, Red)	12-1 Solid (White)	12-1 Solid (Green)	16-2 Solid (TPJ) (Purple, Pink)	AL05-42-L00	AL05-60-L00	175	0.585
12-3	12-2 Solid (Brown, Orange)	12-1 Solid (Gray)	12-1 Solid (Green)	16-2 Solid (TPJ) (Purple, Pink)	AL05-42-L01	AL05-60-L01	175	0.585
10-2	10-1 Solid (Black)	10-1 Solid (White)	10-1 Solid (Green)	16-2 Solid (TPJ) (Purple, Pink)	AL07-42-L00	AL07-60-L00	195	0.600
10-2	10-1 Solid (Brown)	10-1 Solid (Gray)	10-1 Solid (Green)	16-2 Solid (TPJ) (Purple, Pink)	AL07-42-L01	AL07-60-L01	195	0.600

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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)	Control Conductors AWG (Colors)	250' Coils	1000' Reel	(lb/1000ft)	(in)
Stranded								
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	0.565
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	0.565
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	0.565
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	0.565
12-2	12-1 Stranded (Red)	12-1 Stranded (White)	12-1 Stranded (Green)	16-2 Solid (TPJ) (Purple, Pink)	AL58-42-L04	---	148	0.565
12-2	12-1 Stranded (Blue)	12-1 Stranded (White)	12-1 Stranded (Green)	16-2 Solid (TPJ) (Purple, Pink)	AL58-42-L05	---	148	0.565
12-3	12-2 Stranded (Black, Red)	12-1 Stranded (White)	12-1 Stranded (Green)	16-2 Solid (TPJ) (Purple, Pink)	AL59-42-L00	AL59-60-L00	180	0.590
12-3	12-2 Stranded (Brown, Orange)	12-1 Stranded (Gray)	12-1 Stranded (Green)	16-2 Solid (TPJ) (Purple, Pink)	AL59-42-L01	AL59-60-L01	180	0.590

Note: All dimensions and weights are subject to normal manufacturing tolerances. Other conductor colors available by special order.
Special Orders are subject to lead times and minimum order quantities
MC Luminary Cable is intended for use in non-shielded applications

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)	Control Conductors AWG (Colors)		(ft)	(lb/1000ft)	(in)
Solid								
12-2	12-1 Solid (Black)	12-1 Solid (White)	12-1 Solid (Green)	16-2 Solid (TPJ) (Purple, Pink)	AL04-91-L00	1500	145	0.570
12-2	12-1 Solid (Brown)	12-1 Solid (Gray)	12-1 Solid (Green)	16-2 Solid (TPJ) (Purple, Pink)	AL04-91-L01	1500	145	0.570
12-2	12-1 Solid (Orange)	12-1 Solid (Gray)	12-1 Solid (Green)	16-2 Solid (TPJ) (Purple, Pink)	AL04-91-L02	1500	145	0.570
12-2	12-1 Solid (Yellow)	12-1 Solid (Gray)	12-1 Solid (Green)	16-2 Solid (TPJ) (Purple, Pink)	AL04-91-L03	1500	145	0.570
12-3	12-2 Solid (Black, Red)	12-1 Solid (White)	12-1 Solid (Green)	16-2 Solid (TPJ) (Purple, Pink)	AL05-91-L00	1500	175	0.585
12-3	12-2 Solid (Brown, Orange)	12-1 Solid (Gray)	12-1 Solid (Green)	16-2 Solid (TPJ) (Purple, Pink)	AL05-91-L01	1500	175	0.585
Stranded								
12-2	12-1 Stranded (Black)	12-1 Stranded (White)	12-1 Stranded (Green)	16-2 Solid (TPJ) (Purple, Pink)	AL58-91-L00	1500	148	0.575
12-2	12-1 Stranded (Brown)	12-1 Stranded (Gray)	12-1 Stranded (Green)	16-2 Solid (TPJ) (Purple, Pink)	AL58-91-L01	1500	148	0.575
12-2	12-1 Stranded (Orange)	12-1 Stranded (Gray)	12-1 Stranded (Green)	16-2 Solid (TPJ) (Purple, Pink)	AL58-91-L02	1500	148	0.575
12-2	12-1 Stranded (Yellow)	12-1 Stranded (Gray)	12-1 Stranded (Green)	16-2 Solid (TPJ) (Purple, Pink)	AL58-91-L03	1500	148	0.575

Note: All dimensions and weights are subject to normal manufacturing tolerances. Other conductor colors available by special order.
Special Orders are subject to lead times and minimum order quantities.
MC Luminary® Cable is intended for use in non-shielded applications.

MC Glide Luminary Tuff®

Interlocked Galvanized Steel Armor

Armor
- Interlocked Galvanized Steel Strip Color-Coded Blue

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

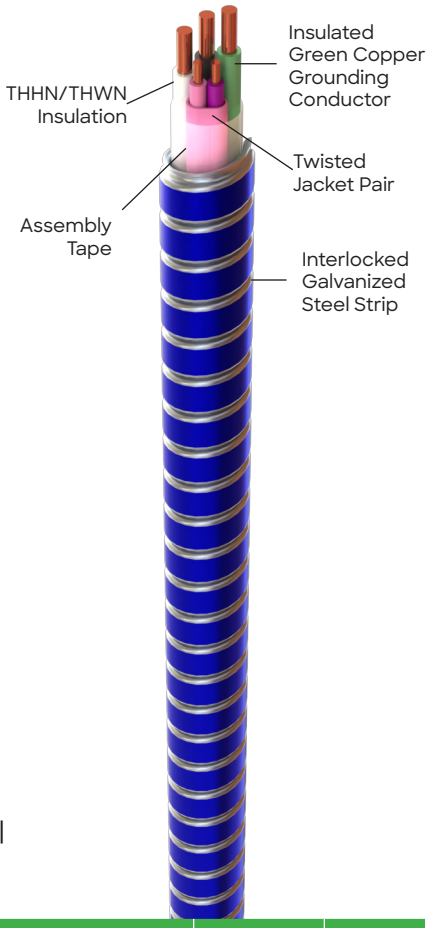
Grounding
- Insulated Green Copper Grounding Conductor

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® section725.136 (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. Patent 11,996,215 | U.S. Patent 12,170,157 | U.S. Patent 12,165,791 | U.S. Design Patent D935,731 | U.S. Design Patent D996,374 | U.S. Design Patent D1,015,280



Conductor					Product Code		Approx. Weight	Approx. Armor O.D.
Trade Size	Phase Conductor AWG (Color)	Neutral Conductor AWG (Color)	Grounded Conductor AWG (Color)	Control Conductors AWG (Color)	250' Coils	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	0.550
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	0.550
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	0.550
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	0.550
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	0.550
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	0.550
12-2	12-1 Solid (Purple)	12-1 Solid (Gray)	12-1 Solid (Green)	16-2 Solid (TPJ) (Purple, Pink)	SL04B42-L07	---	208	0.550
12-3	12-2 Solid (Black, Red)	12-1 Solid (White)	12-1 Solid (Green)	16-2 Solid (TPJ) (Purple, Pink)	SL05B42-L00	SL05B60-L00	235	0.575
12-3	12-2 Solid (Brown, Orange)	12-1 Solid (Gray)	12-1 Solid (Green)	16-2 Solid (TPJ) (Purple, Pink)	SL05B42-L01	SL05B60-L01	235	0.575
10-2	10-1 Solid (Black)	10-1 Solid (White)	10-1 Solid (Green)	16-2 Solid (TPJ) (Purple, Pink)	SL07B42-L00	SL07B60-L00	260	0.595
10-2	10-1 Solid (Brown)	10-1 Solid (Gray)	10-1 Solid (Green)	16-2 Solid (TPJ) (Purple, Pink)	---	SL07B60-L01	260	0.595

Note: All dimensions and weights are subject to normal manufacturing tolerances.
Special orders are subject to lead times and minimum order quantities.
MC Luminary® Cable is intended for use in non-shielded applications.

Interlocked Galvanized Steel Armor

Barrel Packaging Solution

Conductor					Product Code	Length	Approx. Weight	Approx. Armor O.D.
Trade Size	Phase Conductor AWG (Color)	Neutral Conductor AWG (Color)	Grounded Conductor AWG (Color)	Control Conductors AWG (Color)		(ft)	(lb/1000ft)	(in)
Solid								
12-2	12-1 Solid (Black)	12-1 Solid (White)	12-1 Solid (Green)	16-2 Solid (TPJ) (Purple, Pink)	SL04B91-L00	1500	208	0.560
12-2	12-1 Solid (Brown)	12-1 Solid (Gray)	12-1 Solid (Green)	16-2 Solid (TPJ) (Purple, Pink)	SL04B91-L01	1500	208	0.560
12-2	12-1 Solid (Orange)	12-1 Solid (Gray)	12-1 Solid (Green)	16-2 Solid (TPJ) (Purple, Pink)	SL04B91-L02	1500	208	0.560
12-2	12-1 Solid (Yellow)	12-1 Solid (Gray)	12-1 Solid (Green)	16-2 Solid (TPJ) (Purple, Pink)	SL04B91-L03	1500	208	0.560
12-3	12-2 Solid (Black, Red)	12-1 Solid (White)	12-1 Solid (Green)	16-2 Solid (TPJ) (Purple, Pink)	SL05B91-L00	1500	235	0.575
12-3	12-2 Solid (Brown, Orange)	12-1 Solid (Gray)	12-1 Solid (Green)	16-2 Solid (TPJ) (Purple, Pink)	SL05B91-L01	1500	235	0.575

Note: All dimensions and weights are subject to normal manufacturing tolerances.
Special orders are subject to lead times and minimum order quantities.
MC Luminary® Cable is intended for use in non-shielded applications.

MC Glide Luminary Tuff® - XHHW-2

Interlocked Galvanized Steel Armor

Armor
- Interlocked Galvanized Steel Strip

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

Conductors Insulation
- XHHW-2 (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 44, 66, 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® section725.136 (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. Patent 11,996,215 | U.S. Patent 12,170,157 | U.S. Patent 12,165,791 | U.S. Design Patent D935,731 | U.S. Design Patent D996,374 | U.S. Design Patent D1,015,280

Conductor					Product Code		Approx. Weight	Approx. Armor O.D.
Trade Size	Phase Conductor AWG (Color)	Neutral Conductor AWG (Color)	Grounded Conductor AWG (Color)	Control Conductors AWG (Color)	250′ Coils	1000′ Reel	(lb/1000ft)	(in)
Stranded								
12-2	12-1 Stranded (Black)	12-1 Stranded (White)	12-1 Stranded (Green)	16-2 Solid (TPJ) (Purple, Pink)	SXL4-42-L00	SXL4-60-L00	230	0.618
12-2	12-1 Stranded (Brown)	12-1 Stranded (Gray)	12-1 Stranded (Green)	16-2 Solid (TPJ) (Purple, Pink)	SXL4-42-L01	SXL4-60-L01	230	0.618
12-3	12-1 Stranded (Black, Red)	12-1 Stranded (White)	12-1 Stranded (Green)	16-2 Solid (TPJ) (Purple, Pink)	SXL5-42-L00	SXL5-60-L00	266	0.656
12-3	12-1 Stranded (Brown, Orange)	12-1 Stranded (Gray)	12-1 Stranded (Green)	16-2 Solid (TPJ) (Purple, Pink)	SXL5-42-L01	SXL5-60-L01	266	0.656

Note: All dimensions and weights are subject to normal manufacturing tolerances.
Special orders are subject to lead times and minimum order quantities.
MC Luminary® Cable is intended for use in non-shielded applications.

MC Luminary® PVC Jacketed

Interlocked Galvanized Steel Armor with Overall PVC Jacket

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

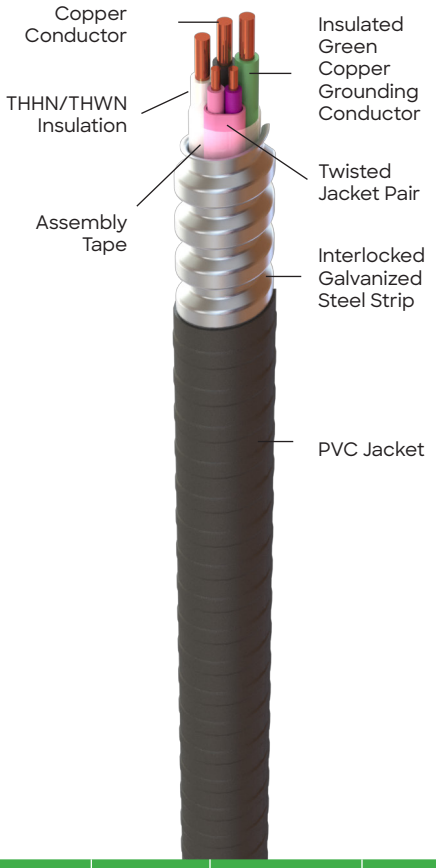
Grounding
- Insulated Green Copper Grounding Conductor

Control Cables
- 16 AWG Solid TFN Twisted 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), 330, 392, 396, 501, 502, 503, 504, 505, 518, 520, 530, 645, 725.136(I)(1)
- Hazardous locations up to Class I & II, Div. 2 and Class III, Div. 1 & 2 (NEC® Articles 501, 502, 503, 530)
- Power and/or lighting as well as signal and/or control conductors per NEC® section 725.136 (I)(1)
- Damp or Wet Locations per NEC® 330.10(A)(11)(C)
- UL listed for direct burial in earth or concrete encasement
- UL Listed for - 40 C low temperature
- UL Listed Sunlight Resistant
- UL Listed Oil Resistant II
- Federal Specification A-A-59544 (formerly J-C-30B)
- Cable tray rated, install per NEC®
- 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.
Special orders are subject to lead times and minimum order quantities.
MC Luminary Cable is intended for use in non-shielded applications.

MC-Luminary Quik® Lite

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

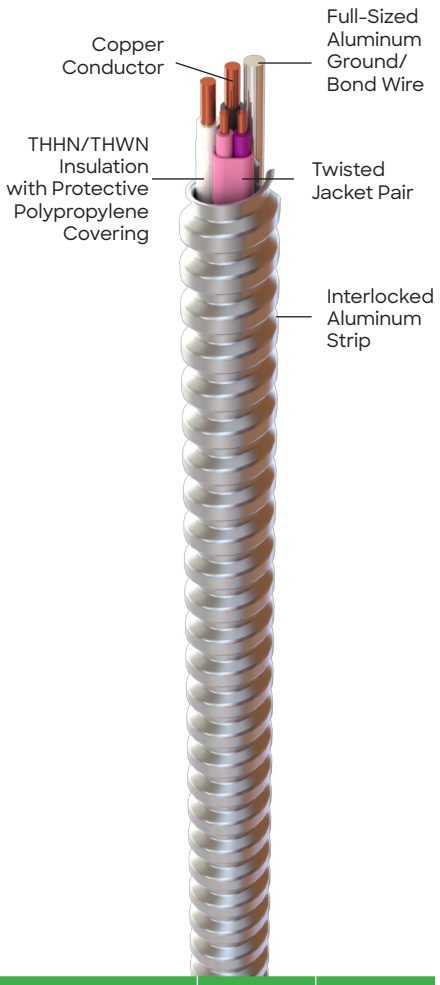
Grounding
- Combined Armor and Full-Sized Aluminum Ground/Bond Wire

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® section725.136 (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 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)	Bare Alum. Bonding/ Bond Wire AWG	Control Conductors AWG (Colors)	250' Coil	1000' Reel	(lb/1000ft)	(in)
Solid								
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								
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 (Gray)	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 (Gray)	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.
Special orders are 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

Interlocked Aluminum Armor - Health Care Facilities

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

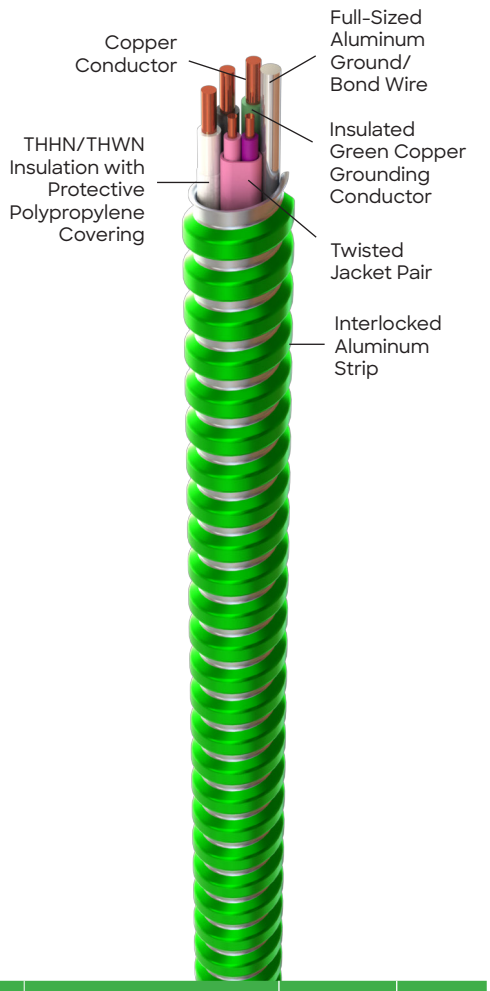
Grounding
- Dual Grounding Means: (1) Combined Armor and Full-Sized Aluminum Ground/ Bond Wire (2) Insulated Green Copper Grounding Conductor

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, 517,518, 520, 530, 645, 690.31(G)(2), 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® section725.136 (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 8,088,977 | 10,431,353



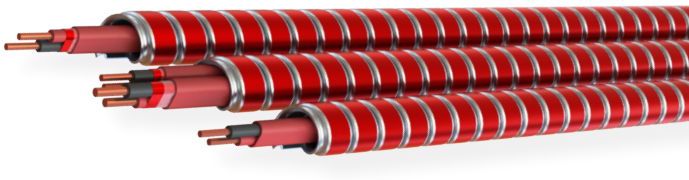
Conductor						Product Code		Approx. Weight	Approx. Armor O.D.
Trade Size	Phase Conductor AWG (Color)	Neutral Conductor AWG (Color)	Grounding Conductor AWG (Color)	Bare Alum. Ground/ Bond Wire AWG	Control Conductors AWG (Colors)	250′ Coils	1000′ Reel	(lb/1000ft)	(in)
Solid									
12-2	12-1 Solid (Black)	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									
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.
Special orders are 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

Glide Power Limited Fire Alarm® Cable

Type FPLP - Interlocked Galvanized Steel Armor



U.S. Patent 11,996,215 | U.S. Patent 12,170,157 | U.S. Patent 12,165,791 | U.S. Design Patent D935,731 | U.S. Design Patent D996,374 | U.S. Design Patent D1,015,280

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.
- 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.
- Made in USA of US and/or imported materials.

Applications

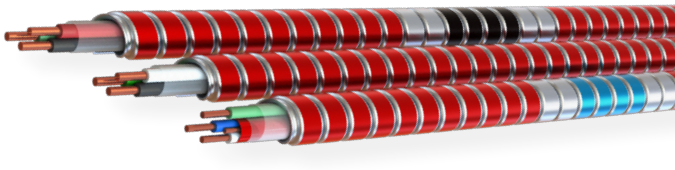
- Fire alarm wiring or remote-control hook-up connecting main fire alarm control panel with pull stations, smoke detectors and alarms, remote control circuits from magnetic motor starters, contractor, relays and signals.

Refer to Page 72

Fire Alarm Cables Features & Benefits

MC Glide Fire Alarm/Control Cable® - Dual Rated

Type MC/ FPLP - Interlocked Galvanized Steel Armor



U.S. Patent 11,996,215 | U.S. Patent 12,170,157 | U.S. Patent 12,165,791 | U.S. Design Patent D935,731 | U.S. Design Patent D996,374 | U.S. Design Patent D1,015,280

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 73

Glide 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 Wire[2]

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
- U.S. Patent 11,996,215 | U.S. Patent 12,170,157 | U.S. Patent 12,165,791 | U.S. Design Patent D935,731 | U.S. Design Patent D996,374 | U.S. Design Patent D1,015,280

Conductor	Product Code		Approx. Weight	Approx. Armor O.D.	Capacitance	Impedance (Ω)	Twist per Foot
Trade Size (Color)	250' Coils	1000' Reel	(lb/1000ft)	(in)	pF/foot	Per 1000ft @ 20C	
Unshielded							
18-2 Solid TPJ (Black, Red)	SP01R42-06	SP01R60-06	111	0.425	31	59	2.0
18-4 Solid TPJ (Black, Red, Blue, Yellow)	SP03R42-46	SP03R60-46	124	0.425	24	59	2.4
16-2 Solid TPJ (Black, Red)	SP10R42-06	SP10R60-06	118	0.425	27	54	2.0
14-2 Solid TPJ (Black, Red)	SP34R42-06	SP34R60-06	129	0.425	25	52	2.7
Shielded							
18-2 Solid TSPJ (Black, Red)[1]	SP50R42-06	SP50R60-06	114	0.425	71	29	4.8
16-2 Solid TSPJ (Black, Red)[1]	SP60R42-06	SP60R60-06	120	0.425	69	30	4.8
14-2 Solid TSPJ (Black, Red)[1]	SP28R42-06	SP28R60-06	132	0.425	89	25	4.0
Composite							
18-2 Solid TSPJ (Black, Red)[1] 14-2 Solid TSPJ (Black, Red)[1]	SP27R42-06	SP27R60-06	171	0.515	----	----	18-2 (TSPJ) = 4.8 14-2 (TSPJ) = 4
16-2 Solid TPJ (Black, Red) 14-2 Solid TPJ (Black, Red)	SP40R42-06	SP40R60-06	172	0.515	----	----	16-2 (TPJ) = 2.0 14-2 (TPJ) = 2.67
16-2 Solid TSPJ (Black, Red)[1] 14-2 Solid TPJ (Black, Red)	SP91R42-06	SP91R60-06	174	0.520	----	----	16-2 (TSPJ) = 4.8 14-2 (TPJ) = 2.67
16-2 Solid TSPJ (Black, Red)[1] 14-3 Solid (Black, White, Green)	SPGGR42-00	SPGGR60-00	187	0.515	----	----	16-2 (TSPJ) = 4.8

Note: All dimensions and weights are subject to normal manufacturing tolerances.
Special orders are subject to lead times and minimum order quantities.
[1]Tinned Copper Drain Wire
[2]Shielded configurations

MC Glide Fire Alarm/Control Cable®

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

Armor
- Interlocked Galvanized Steel Strip Color-Coded Red[3]

Conductors
- Solid Copper

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

Assembly Covering
- Polyester Tape
- Aluminum/Polyester Tape Shield w/ Tinned Copper Drain Wire[4]

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. Patent 11,996,215 | U.S. Patent 12,170,157 | U.S. Patent 12,165,791 | U.S. Design Patent D935,731 | U.S. Design Patent D996,374 | U.S. Design Patent D1,015,280

Conductor		Product Code		Approx. Weight	Approx. Armor O.D.
Trade Size (Color)	Grounding Conductor AWG (Color)	250' Coils	1000' Reel	(lb/1000ft)	(in)
Unshielded					
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
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

Continues on next page

MC Glide Fire Alarm/Control Cable®

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

Conductor		Product Code		Approx. Weight	Approx. Armor O.D.
Trade Size (Color)	Grounding Conductor AWG (Color)	250' Coils	1000' Reel	(lb/1000ft)	(in)
Shielded					
14-2 Solid (TSP) (Black, White)[1]	14-1 Solid (Green)	SF28R42-00	SF28R60-00	176	0.565
14-2 Solid (TSP) (Blue, White)[1,3]	14-1 Solid (Green)	---	SF28R60-05	176	0.565
14-2 Solid (TSP) (Black, Red)[1,3]	14-1 Solid (Green)	---	SF28R60-06	176	0.565
14-4 Solid (2 TSP) (Black, Red) (Blue, White)[1]	14-1 Solid (Green)	SF81R42-00	SF81R60-00	245	0.687
16-2 Solid (TSP) (Blue, White)	16-1 Solid (Green)	SF95R42-00	SF95R60-00	142	0.475
16-2 Solid (TSP) (Blue, White)[1,3]	16-1 Solid (Green)	SF95R42B05	SF95R60B05	142	0.475
16-2 Solid (TSP) (Black, Red)[1,3]	16-1 Solid (Green)	SF95R42K06	SF95R60K06	142	0.475
Composite					
16-2 Solid (TSP) (Black, White)[1] / 12-2 Solid (Black, Red)	12-1 Solid (Green)	---	SF91R60-00	236	0.606
16-2 Solid (TP) (Blue, Red) / 14-2 Solid (TP) (Black, White)	14-1 Solid (Green)	---	SF92R60-00	211	0.636

Note: All dimensions and weights are subject to normal manufacturing tolerances.
Special orders are subject to lead times and minimum order quantities.
[1]All drain wires are 18AWG tinned Copper in TSP construction
[2]One conductor insulation has identifying stripe
[3]Armored is red w/ Phase ID
[4]Shielded configurations

FACC Performance Chart

Conductor Site AWG	XL, Reactance[1]	Rac, Resistance 75°C[2]	Z, Effective[3] Impedance
Electrical Properties (ohms to neutral per 1,000 feet)			
16	0.043	4.89	3.93
14	0.042	3.07	2.48
12	0.04	1.93	1.57

[1] In steel armor
[2] To correct for 90°C, multiply by 1.048
[3] Effective impedance is defined as R cos (Theta) + X sin (Theta) where Theta is the power factor angle of the circuit. Effective impedance values shown in the table above are valid at 80% power factor.

Conductor Size AWG	Twisted Pair[1]	Twisted Shielded Pair[2]
16	0.043	4.89
14	0.042	3.07
12	0.04	1.93

[1] In steel armor
[2] To correct for 90°C, multiply by 1.048

Inductance (L) to neutral, per 1000 feet is typically 0.0002mH for sizes 18 AWG through 250kcmil
' = 0.1404 Log10[(GMD/GMR) x 10-3 Henrys to neutral per 1000 ft]

Size	Total Number of conductors including Ground	Conductor Diameter	Length of Lay	Twists Per Foot
16	2	0.09	2.7	4.4
16	3	0.09	3.2	3.8
16	4	0.09	3.6	3.3
16	5	0.09	3.7	3.3
14	2	0.105	3.15	3.8
14	3	0.105	3.7	3.3
14	4	0.105	4.2	2.9
14	5	0.105	4.3	2.8
12	2	0.125	3.75	3.2
12	3	0.125	4.4	2.7
12	4	0.125	5	2.4
12	5	0.125	5.1	2.4

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 78

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 79

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

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

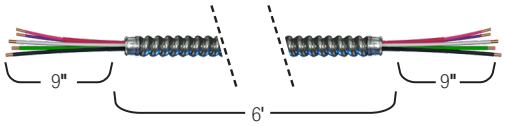
Grounding
- Insulated Green Copper Grounding Conductor

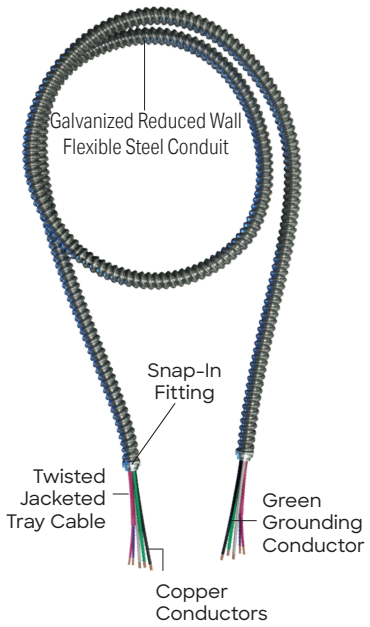
Control Cable
- 18 or 16 AWG Solid TFN Tray Cable (Purple/Pink)

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 Barrel
Control Conductors AWG (Color)	Phase Conductor AWG (Color)	Neutral Conductor AWG (Color)	Grounding Conductor AWG (Color)		
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

Metallic Fixture Whips

Reduced Wall Galvanized Steel Flexible Conduit

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

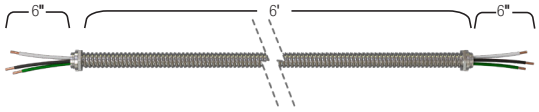
Neutral Conductors
- White 120/208V

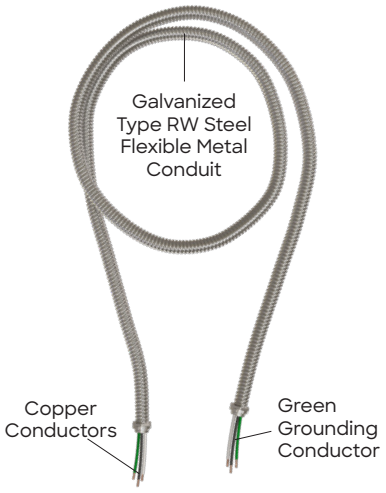
Grounding
- Insulated Green Copper Grounding Conductor[1]

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 Trade Size (Color)	Conduit Trade Size x Length (ft)	Product Code	
		30 Units Per Package	100 Units Per Package
Solid			
18-4 Solid (Black, White, Red, Green)	⅜ x 6	4523-21	4523-30
18-3 Solid (Black, White, Green)	⅜ x 6	4522-21	4522-30
16-4 Solid (Black, White, Red, Green)	⅜ x 6	4513-21	4513-30
16-3 Solid (Black, White, Green)	⅜ x 6	4512-21	4512-30
14-4 Solid (Black, White, Red, Green)	⅜ x 6	4503-21	4503-30
14-3 Solid (Black, White, Green)	⅜ x 6	4502-21	4502-30
12-4 Solid (Black, White, Red, Green)	⅜ x 6	4580-21	4580-30
12-3 Solid (Black, White, Green)	⅜ x 6	4579-21	4579-30
12-2 Solid (Black, White)	⅜ x 6	---	4578-30
Stranded			
18-3 Stranded (Black, White, Green)	⅜ x 6	4622-21	4622-30
16-3 Stranded (Black, White, Green)	⅜ x 6	4612-21	4612-30
14-3 Stranded (Black, White, Green)	⅜ x 6	4602-21	4602-30
12-3 Stranded (Black, White, Green)	⅜ x 6	4679-21	4679-30

Note: Special orders are subject to lead times and minimum order quantities.
⅜" whips have screw in die cast connectors on the 18 AWG,16 AWG & 14 AWG and set screw die cast for the 12 AWG.
Available with customer specified connectors by special order.
All whips are available in barrels and cartons.
[1]Two wire configuration do not have an insulated green copper grounding conductor.

Non-Metallic Fixture Whips

Non-Metallic Liquidtight Conduit - Type LFNC-B

Conduit
- Type LFNC-B, Nonmetallic Liquidtight

Conductors
- Stranded Copper

Conductor Insulation
- THHN/THWN

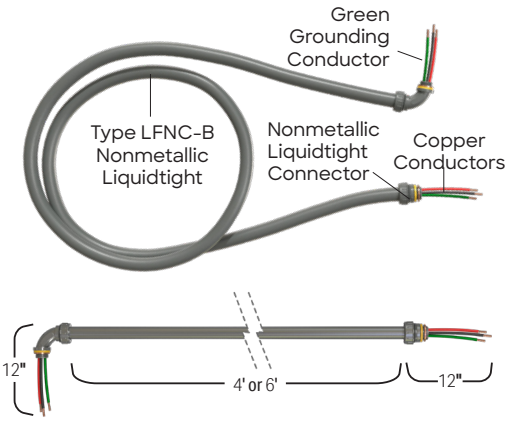
Neutral Conductors
- White 120/208V

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 (Color)	Conduit Trade Size x Length (ft)	Product Code	Units Per Package
10-3 Stranded (Black, Red, Green)	½ x 4	8014	10 per Box
10-3 Stranded (Black, Red, Green)	½ x 6	8015	10 per Box
8-3 Stranded (Black, Red, Green)	¾ x 4	8016	10 per Box
8-3 Stranded (Black, Red, Green)	¾ x 6	8017	8 per Box
10-3 Stranded (Black, Red, Green)	½ x 4	8021	20 Bulk
10-3 Stranded (Black, Red, Green)	½ x 6	8022	15 Bulk
8-3 Stranded (Black, Red, Green)	¾ 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.

Packaging Solutions

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:

- 9980

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: 7 lbs

Part Number:

- 9990

Armored Thermostat Cable

Armor:
- Galvanized Steel Interlocked Armor

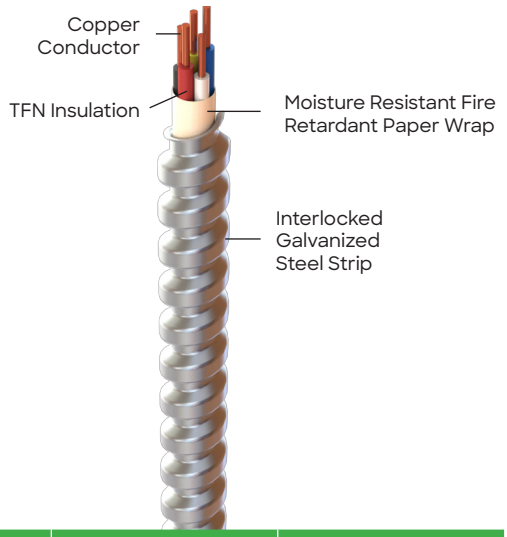
Conductors:
- Solid Copper

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	—	142	0.470
18-4 Solid (Black, Red, Blue, White)	2503-42-00	2503-60-00	149	0.470
18-5 Solid (Black, Red, Blue, Yellow, White)	2504-42-00	—	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

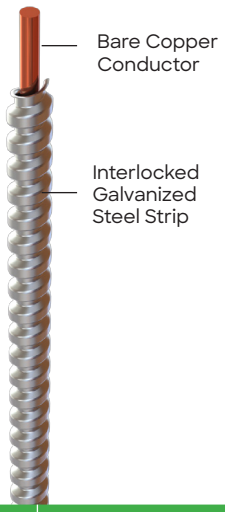
Note: All dimensions and weights are subject to normal manufacturing tolerances.

Bare Armored Ground Cable

Armor:
- Interlocked Galvanized Steel Strip

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

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

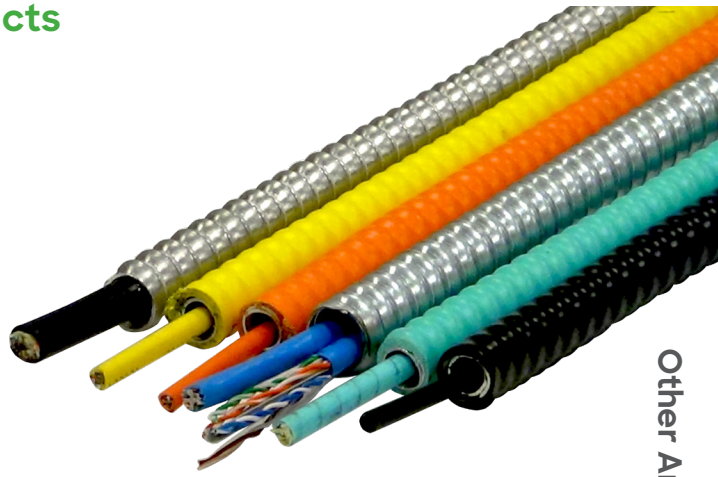


Trade Size	Product Code		Approx. Weight	Approx. Armor O.D.
	250′ Coil	1000′ Reel	(lb/1000ft)	(in)
8-1 Solid	1301-42-00	1301-60-00	180	0.470
6-1 Solid	1302-42-00	1302-60-00	210	0.470
4-1 Stranded	1303-42-00	1303-60-00	284	0.530

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

Custom Armoring Options

CPID - Cable Protection Identification Products



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 inter-locking 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

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**

1

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.

2

Installation Instructions for Traditional Type AC & MC

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.”

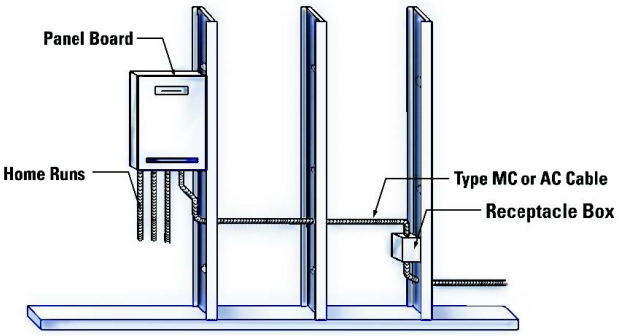
(NOTE: Read NEC® 517.30(C)(3)(3) for complete details on wiring of emergency healthcare circuits).

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

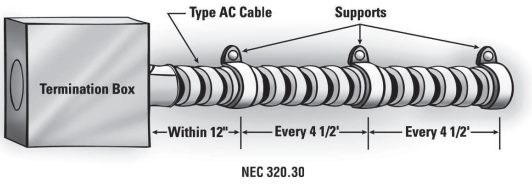
Care should be taken not to exceed the bending radius of the cables when routing around corners. According to NEC® Article 320.24, for AC cable, the radius of the curve of the inner edge of any bend shall not be less than 5 times the diameter of the cable. NEC® Article 330.24(B) states that for MC Cable,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

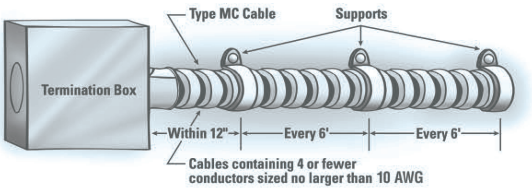
All cable runs must be continuous from outlet to outlet. According to NEC® Article 320.30, AC cable must be supported and secured at intervals of 41/2 feet or less (unless routed through a framing member) and within 12 inches of every termination.

Supporting Type AC Cable



NEC 320.30

Supporting Type MC Cable



NEC 330.30

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.

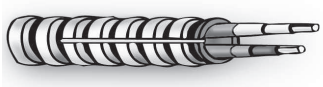
Terminating AC & traditional MC Cables

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.

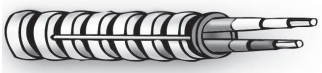
Insert the cable into the connector and secure the connector into the box. Be sure that the anti-short bushing is plainly visible in the connector for easy inspection. The same procedure is followed for traditional MC cable with the exception that there is no bonding wire. Although anti-short bushings 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

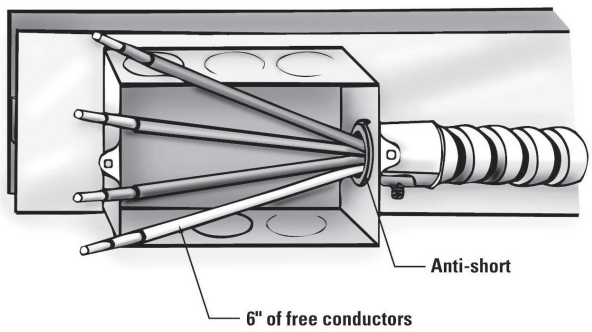
Method 3 - Back-wrap under anti-short



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.

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