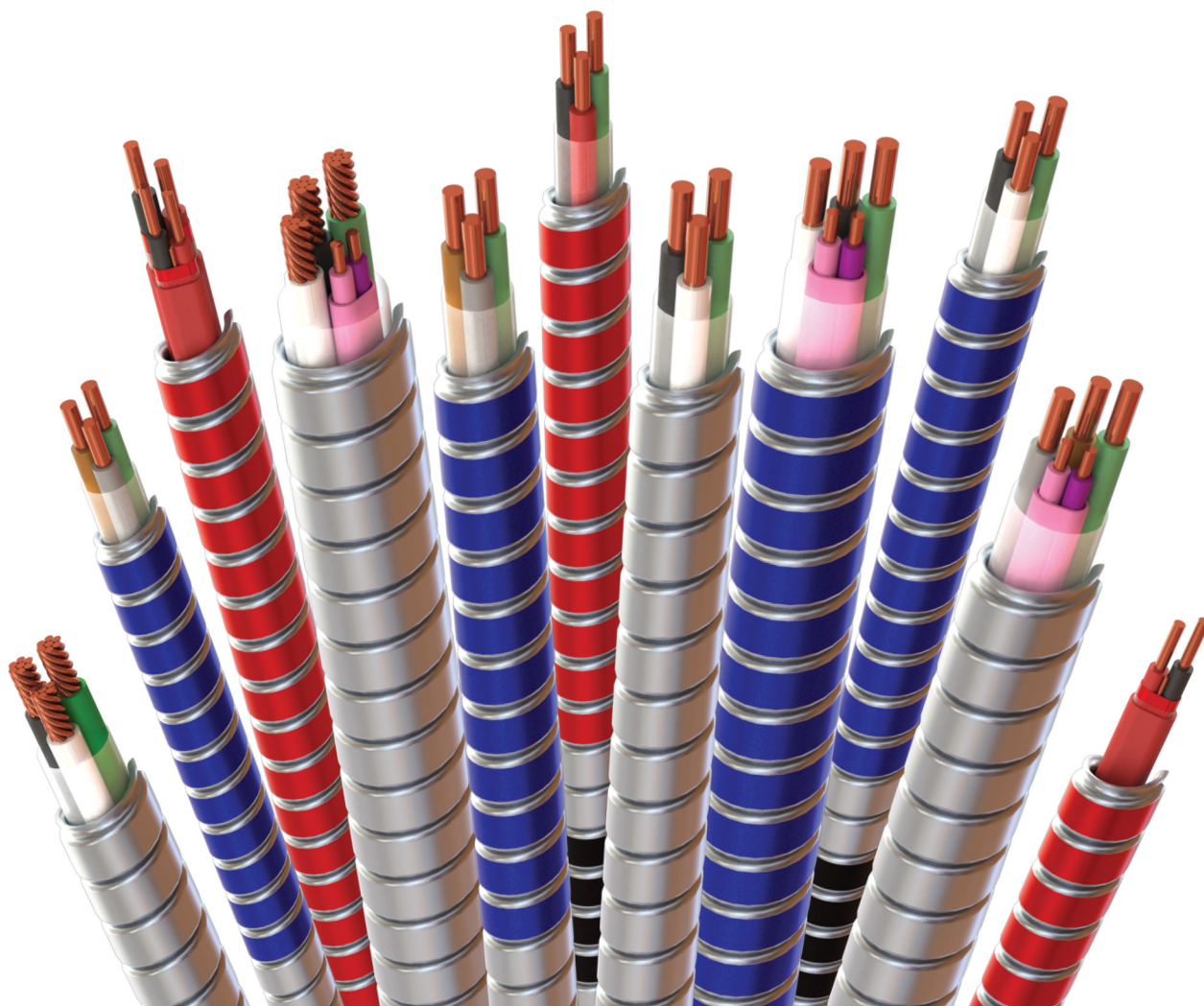


MC Glide®

Smooth, Low-Profile Interlocked Armor
Electrical Cable Solutions



 **Atkore®**

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Overview of Manufacturing Procedure

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

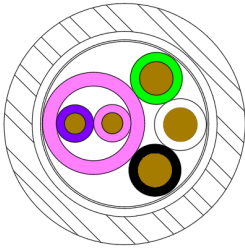
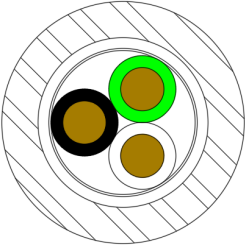
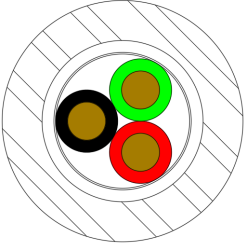
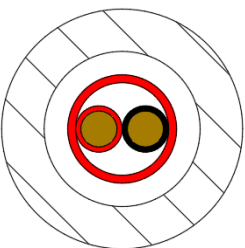
Type MC Metal-Clad Cables are manufactured in accordance with UL 1569 Metal-Clad Cables under UL File Number E80042 for use in accordance with NEC® Article 330.

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.

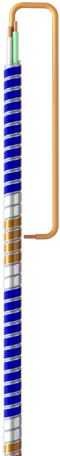
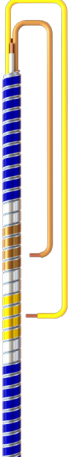
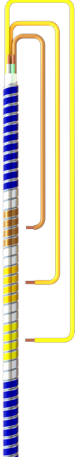
Atkore™
**AFC Cable
Systems**

Atkore™
Kaf-Tech

Comparison Chart

	Type MC Cable		Type MC/FPLP Cable	Type FPLP Cable
Product Family	MC Glide Luminary®	MC Glide®	MC Glide Fire Alarm/Control Cable™ - Dual Rated	Glide Power Limited Fire Alarm Cable™
Maximum Number of Conductors	No Limit	No Limit	Five	Five
Size of Copper Conductors	16 AWG to 8 AWG with 16 AWG Control Circuits	16 AWG to 10 AWG	16 AWG to 12 AWG	18 AWG to 14 AWG
Grounding	Insulated equipment Grounding Conductor.	Insulated equipment Grounding Conductor.	Insulated equipment Grounding Conductor.	N/A
Conductor Wrapping	Conductors have an overall polypropylene assembly tape with twisted jacketed pair.	Conductors have an overall polypropylene assembly tape.	Conductors have an overall polypropylene assembly tape.	Twisted Jacketed Pairs. Shielded and Non-shielded options.
Tested to UL Standard	UL 1569	UL 1569	UL 1569 & UL 1424	UL 1424
Cable Layout				

ColorSpec ID System / Color-Trak ID System

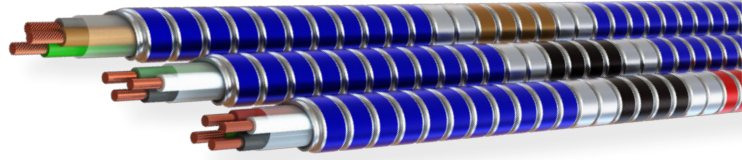
Phase ID Chart	MC Glide Tuff 120/280V		MC Glide Tuff 277/480V	
	2 Conductors with ground	3 Conductors with ground	4 Conductors with ground	
	Single Phase - Black 	Two Phase - Black, Red 	Three Phase - Black, Red, Blue 	
	Single Phase - Brown 	Two Phase - Brown, Orange 	Three Phase - Brown, Orange, Yellow 	

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.

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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.

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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.

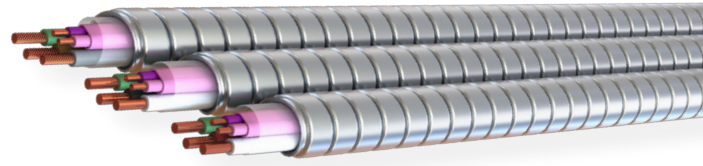
Refer to Page 18

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.

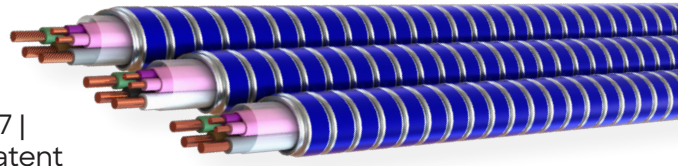
Refer to Page 22

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

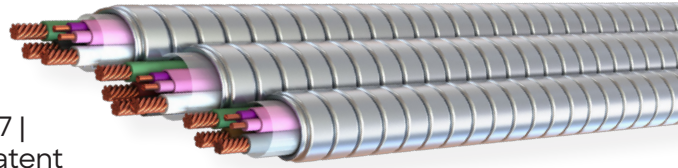
- Commercial, industrial, multi-residential branch circuits and feeder wiring-services for power, lighting, control, and signal circuits, SMART buildings, daylight harvesting, casinos, hotels, shopping centers, retail centers.
- Use in LED and Fluorescent dimming systems.
- Can be exposed or concealed,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

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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

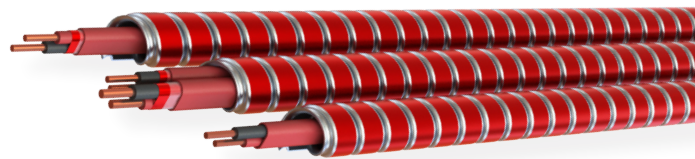
- Commercial, industrial, multi-residential branch circuits and feeder wiring-services for power, lighting, control, and signal circuits, SMART buildings, daylight harvesting, casinos, hotels, shopping centers, retail centers.
- Use in LED and Fluorescent dimming systems.
- Can be exposed or concealed,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

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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

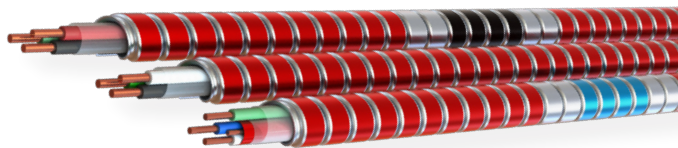
- Fire alarm wiring or remote-control hook-up connecting main fire alarm control panel with pull stations, smoke detectors and alarms, remote control circuits from magnetic motor starters, contractor, relays and signals.

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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).

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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.

¹I.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



Type MC Cables - Steel Metal Clad Cables

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.

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

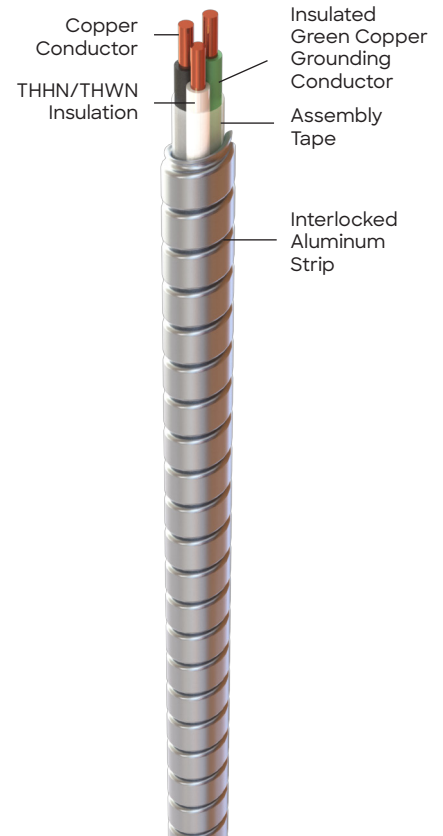
- 600V

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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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.

¹I.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 (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

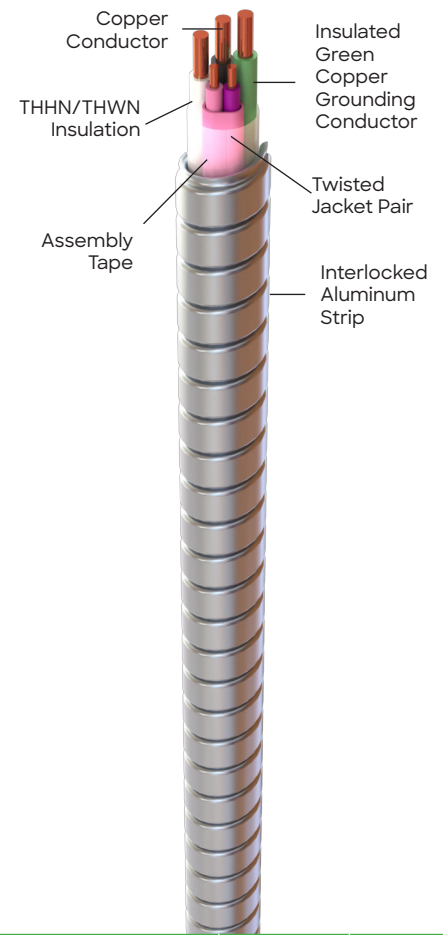
- 600V

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® section 725.136 (I)(1)
- UL classified 1, 2, and 3, hour through (Fire) penetration product R14141
- Cable tray rated, install per NEC®
- Federal Specification A-A-59544 (formerly J-C-30B)
- Meets all applicable OSHA and HUD requirements
- May be surface mounted, fished and/or embedded in plaster
- Made in USA of US and/or imported materials
- U.S. Patent 10,431,353 | U.S. 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

Continues on next page

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

Type MC-PCS Cables

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

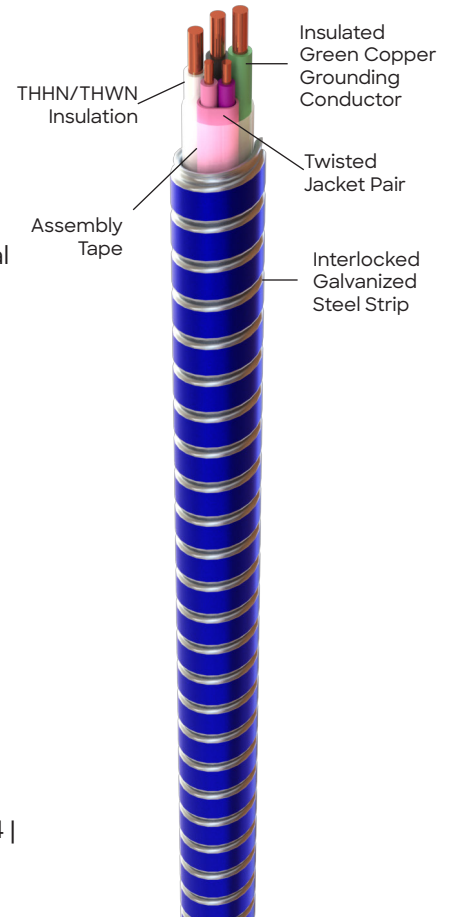
- 600V

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® section 725.136 (I)(1)
- UL classified 1, 2, and 3, hour through (Fire) penetration product R14141
- Cable tray rated, install per NEC®
- Federal Specification A-A-59544 (formerly J-C-30B)
- Meets all applicable OSHA and HUD requirements
- May be surface mounted, fished and/or embedded in plaster
- Made in USA of US and/or imported materials
- U.S. Patent 10,431,353 | U.S. 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.

Type MC-PCS Cables

MC Glide Luminary Tuff® - XHHW-2

Interlocked Galvanized Steel Armor

Type MC-PCS Cables

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® section 725.136 (I)(1)
- UL classified 1, 2, and 3, hour through (Fire) penetration product R14141
- Cable tray rated, install per NEC®
- Federal Specification A-A-59544 (formerly J-C-30B)
- Meets all applicable OSHA and HUD requirements
- May be surface mounted, fished and/or embedded in plaster
- Made in USA of US and/or imported materials
- U.S. Patent 10,431,353 | U.S. 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.

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 Wire²

Jacket

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

Maximum Voltage Rating

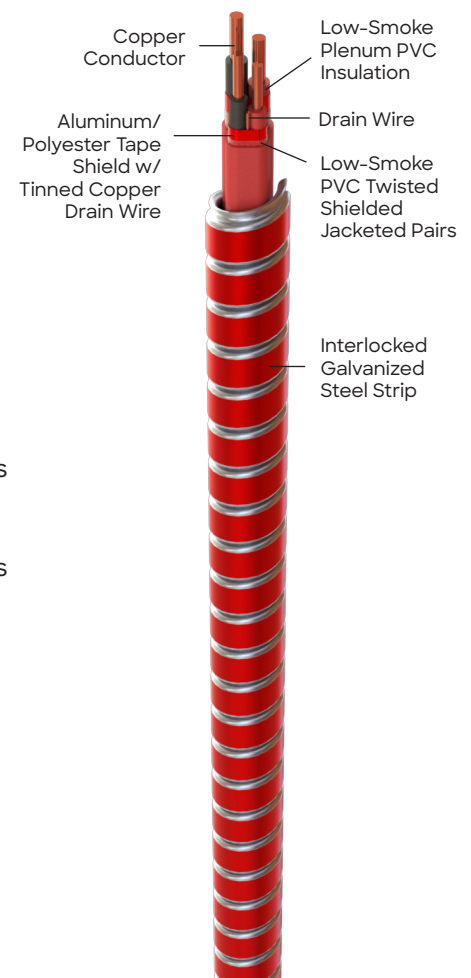
- 300V

Maximum Continuous Operating Temperature

- 10°C to 75°C

References & Ratings

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

¹Tinned Copper Drain Wire

²Shielded configurations

MC Glide Fire Alarm/Control Cable®

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

Armor

- Interlocked Galvanized Steel Strip Color-Coded Red³

Conductors

- Solid Copper

Conductor Insulation

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

Assembly Covering

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

Grounding

- Insulated Green or Bare Copper Grounding Conductor

Maximum Voltage Rating

- Dual Rated: 600V
- FPLP: 300V

Maximum Temperature Rating

- MC: 90°C (Dry)
- FPLP: 105°C (Dry)

References & Ratings

- UL 66, 83, 1424, 1479, 1569, 1581, 2556, File Reference E80042 & E83514
- NEC® 300.22(C), 330, 392, 430.2, 501, 502, 503, 504, 505, 518, 530, 645, 725, 760.154(A)
- NEC® 300.22 (C) Other Spaces Used For Environmental Air (Plenums)
- NFPA 262 (formerly UL 910) Plenum Rated - Type FPLP
- UL classified 1, 2, and 3, hour through (Fire) penetration product R14141
- Cable tray rated, install per NEC®
- Federal Specification A-A-59544 (formerly J-C-30B)
- Meets all applicable OSHA and HUD requirements
- May be surface mounted, fished and/or embedded in plaster
- Made in USA of US and/or imported materials
- U.S. 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 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.

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

²One conductor insulation has identifying stripe

³Armored is red w/ Phase ID

⁴Shielded configurations

FACC Performance Chart

Conductor Size 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

¹In steel armor

²To correct for 90°C, multiply by 1.048

³Effective impedance is defined as $R \cos(\Theta) + X \sin(\Theta)$ where Θ 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

¹In steel armor

²To 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
$L = 0.1404 \log_{10}[(GMD/GMR) \times 10^{-3}]$ 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

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





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