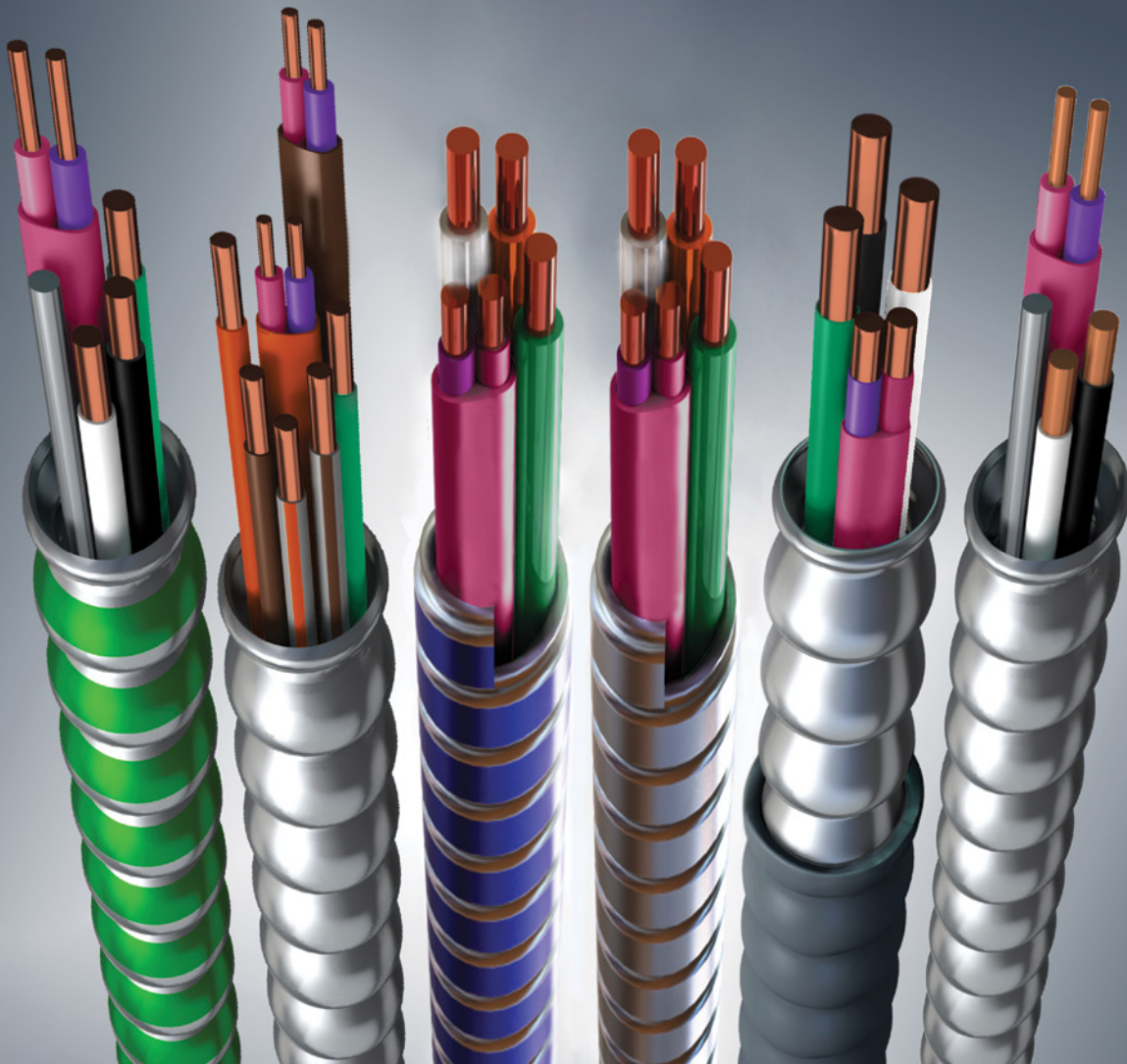


MC Luminary® Cables



What a Bright Idea!

Beginning in 2014, Atkore AFC Cable Systems and Atkore Kaf-Tech were the first to commercialize Metal Clad (MC) Cable with both power and control circuits under one armor - MC Luminary®. Since then, our MC Luminary offering expanded to include both an HCF version for patient care applications, as well as another industry first, a complete line of multi-zone lighting cable configurations, luminary whips for fixture whip applications and MC Luminary Quik for additional labor savings.

The latest change to our luminary product line adapts the traditional luminary armor to our patented Glide armor design. The U.S. Patented armor profile is designed to reduce fatigue on installers when pulling cable through metal studs and ceilings.

All our luminary products feature the 2020 NEC compliant Purple/Pink insulated control conductors.

Dimmable Lighting



MC Luminary Cable

- ▲ Combines power and control circuits under a single interlocked armor.
- ▲ Reduces installation time and materials on the job site.
- ▲ Designed for LED and fluorescent dimming systems.
- ▲ Available in jacketed MC Luminary for direct burial or concrete encasement applications.

Before and After

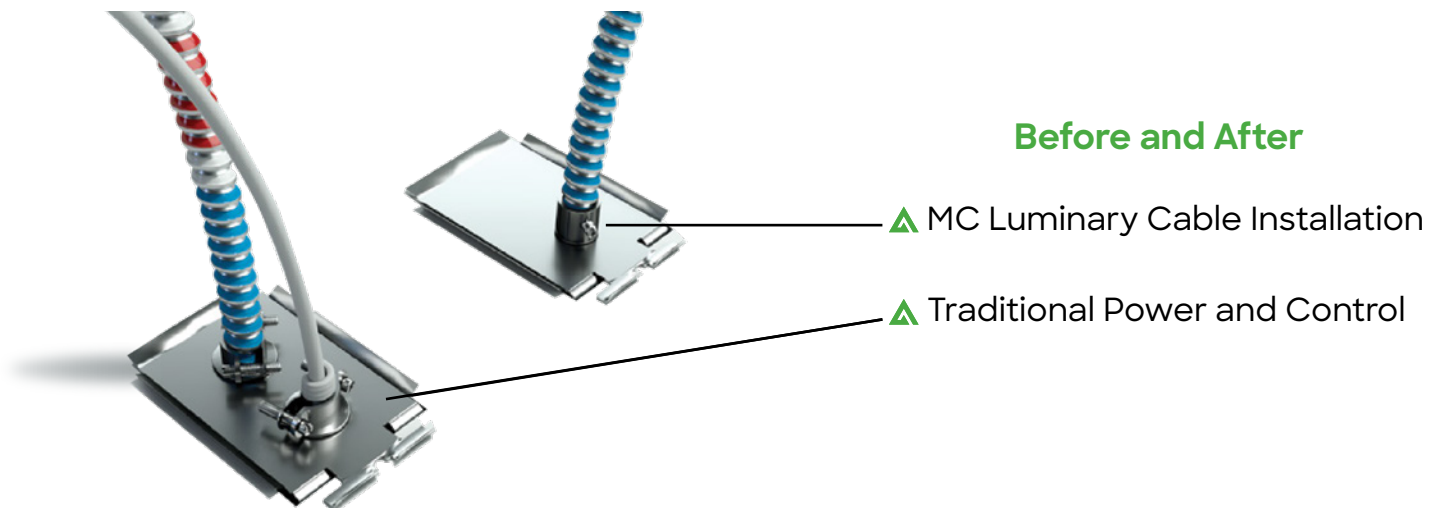


Table of Contents

MC Luminary Cables

- 4 MC Glide Luminary Lite™ Cables
- 5 MC Lite Luminary® Cable
- 6 MC Glide Luminary Tuff™ Cable
- 7 MC Tuff Luminary® Cable
- 8 MC Luminary® PVC Jacketed Cable
- 9 MC Luminary Quik® Lite Cable
- 10 MC Luminary HCF® Lite Cable
- 11 Luminary Fixture Whips



MC Glide
Luminary Lite



MC Glide
Luminary Tuff



MC Tuff
Luminary



MC Lite
Luminary



MC Luminary
Quik



MC Luminary
PVC Jacketed



Luminary
Fixture Whips



MC Luminary
HCF

MC Glide Luminary Lite™

Type MC-PCS - Interlocked Aluminum Armor

Armor

- Interlocked Aluminum Strip

Conductors

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

Conductors Insulation

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

Assembly Covering

- Polypropylene Tape

Neutral Conductors

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

Grounding

- Insulated Green Copper Grounding Conductor

Control Cables

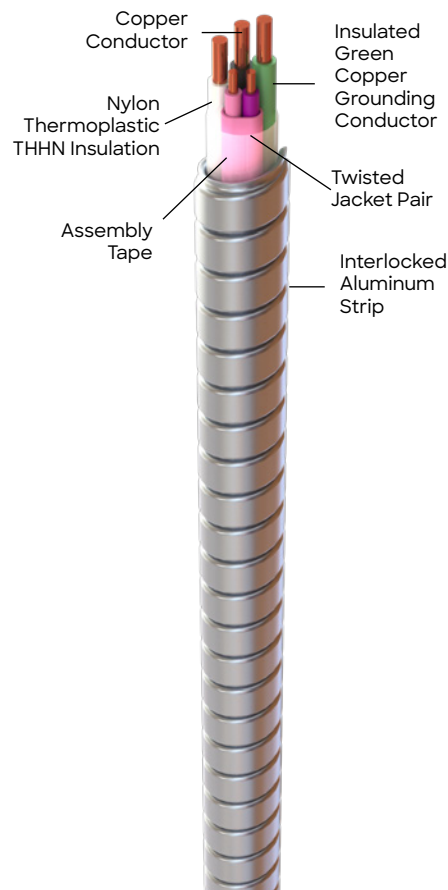
- 16 AWG Solid TFN Twisted jacketed pair (Purple/Pink)

Maximum Voltage Rating

- 600V

References & Ratings

- UL 66, 83, 1479, 1569, 1581, 2556, File Reference E80042
- NEC® 250.118(I), 300.22(C), 330, 392, 396, 501, 502, 503, 504, 505, 518, 520, 530, 645, 725.136(I)(1)
- NEC® 300.22 (C) Other Spaces Used For Environmental Air (Plenums)
- Power and/or lighting as well as signal and/or control conductors per NEC® section 725.136 (I)(1)
- UL classified 1, 2, and 3, hour through (Fire) penetration product R14141
- Cable tray rated, install per NEC®
- Federal Specification A-A-59544 (formerly J-C-30B)
- Meets all applicable OSHA and HUD requirements
- May be surface mounted, fished and / or embedded in plaster
- Made in USA of US and /or imported materials
- Aluminum armored cables are RoHS compliant
- U.S. Patent 10,431,353
- U.S. Design Patent D935,731 | D996,374



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

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

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

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

Type MC-PCS - Interlocked Aluminum Armor

Armor

- Interlocked Aluminum Strip

Conductors

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

Conductors Insulation

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

Assembly Covering

- Polypropylene Tape

Neutral Conductors

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

Grounding

- Insulated Green Copper Grounding Conductor

Control Cables

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

Maximum Voltage Rating

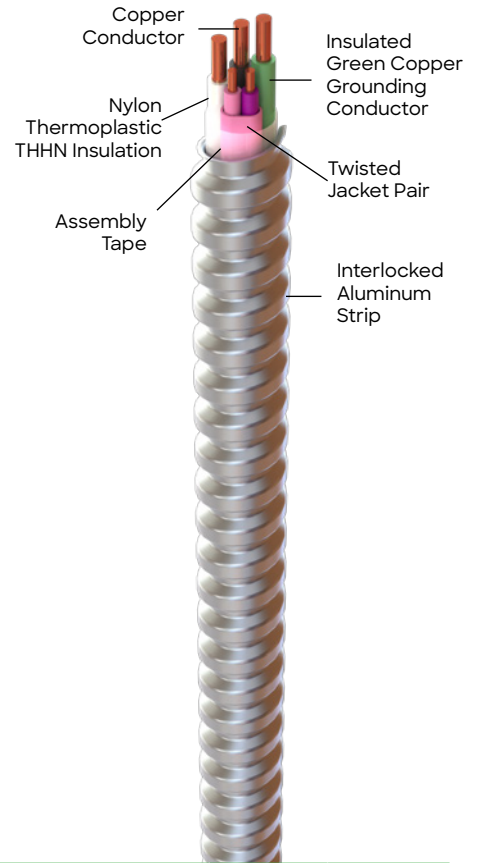
- 600V

Maximum Temperature Rating

- 90°C (Dry)

References & Ratings

- UL 66, 83, 1479, 1569, 1581, 2556, File Reference E80042
- NEC® 250.118(I), 300.22(C), 330, 392, 396, 501, 502, 503, 504, 505, 518, 520, 530, 645, 725.136(I)(1)
- NEC® 300.22 (C) Other Spaces Used For Environmental Air (Plenums)
- Power and/or lighting as well as signal and/or control conductors per NEC® section 725.136 (I)(1)
- UL classified 1, 2, and 3, hour through (Fire) penetration product R14141
- Cable tray rated, install per NEC®
- Federal Specification A-A-59544 (formerly J-C-30B)
- Meets all applicable OSHA and HUD requirements
- May be surface mounted, fished and /or embedded in plaster
- Made in USA of US and /or imported materials
- Aluminum armored cables are RoHS compliant
- U.S. Patent 10,431,353



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

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

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

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

Gaylord Packaging Solution

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

MC Glide Luminary Tuff™

Type MC-PCS - Interlocked Galvanized Steel Armor

Armor

- Interlocked Galvanized Steel Strip

Conductors

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

Conductors Insulation

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

Assembly Covering

- Polypropylene Tape

Neutral Conductor

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

Grounding

- Insulated Green Copper Grounding Conductor

Control Cables

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

Maximum Voltage Rating

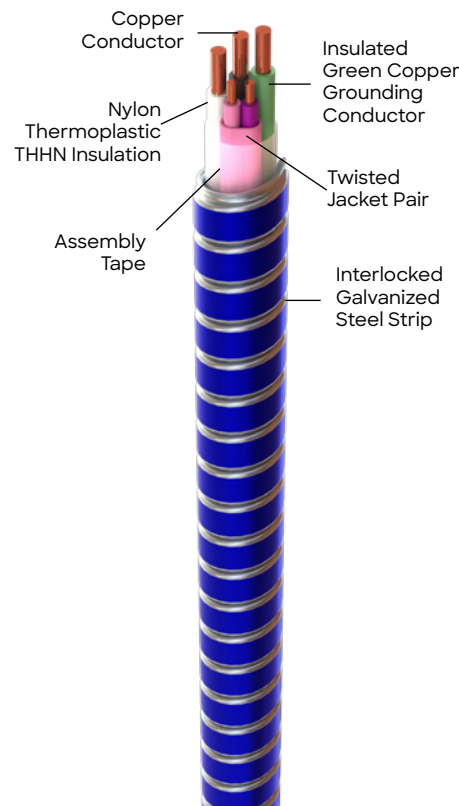
- 600V

Maximum Temperature Rating

- 90°C (Dry)

References & Ratings

- UL 66, 83, 1479, 1569, 1581, 2556, File Reference E80042
- NEC® 250.118(I), 300.22(C), 330, 392, 396, 501, 502, 503, 504, 505, 518, 520, 530, 645, 725.136(I)(1)
- NEC® 300.22 (C) Other Spaces Used For Environmental Air (Plenums)
- Power and/or lighting as well as signal and/or control conductors per NEC® section 725.136 (I)(1)
- UL classified 1, 2, and 3, hour through (Fire) penetration product R14141
- Cable tray rated, install per NEC®
- Federal Specification A-A-59544 (formerly J-C-30B)
- Meets all applicable OSHA and HUD requirements
- May be surface mounted, fished and /or embedded in plaster
- Made in USA of US and /or imported materials
- U.S. Patent 10,431,353
- U.S. Design Patent D935,731 | D996,374



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

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

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

Type MC-PCS - Interlocked Galvanized Steel Armor

Armor

- Interlocked Galvanized Strip

Conductors

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

Conductors Insulation

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

Assembly Covering

- Polypropylene Tape

Neutral Conductor

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

Grounding

- Insulated Green Copper Grounding Conductor

Control Cables

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

Maximum Voltage Rating

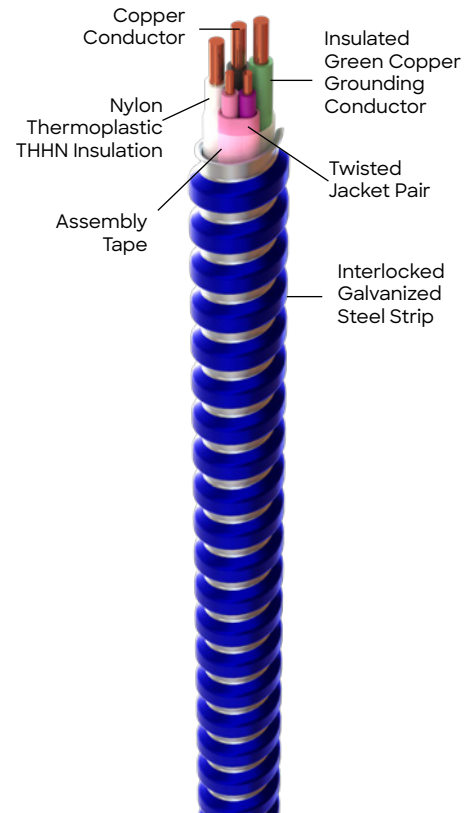
- 600V

Maximum Temperature Rating

- 90°C (Dry)

References & Ratings

- UL 66, 83, 1479, 1569, 1581, 2556, File Reference E80042
- NEC® 250.118(I), 300.22(C), 330, 392, 396, 501, 502, 503, 504, 505, 518, 520, 530, 645, 725.136(I)(1)
- NEC® 300.22 (C) Other Spaces Used For Environmental Air (Plenums)
- Power and/or lighting as well as signal and/or control conductors per NEC® section 725.136 (I)(1)
- UL classified 1, 2, and 3, hour through (Fire) penetration product R14141
- Cable tray rated, install per NEC®
- Federal Specification A-A-59544 (formerly J-C-30B)
- Meets all applicable OSHA and HUD requirements
- May be surface mounted, fished and /or embedded in plaster
- Made in USA of US and /or imported materials
- U.S. Patent 10,431,353



Conductor					Product Code		Approx. Weight	Approx. Armor O.D.
Trade Size	Phase Conductor AWG (Color)	Neutral Conductor AWG (Color)	Grounding Conductor AWG (Color)	Control Conductors AWG (Colors)	250' Coil	1000' Reel	(lb/1000ft)	(in)
Solid								
12-3	12-2 Solid (Black, Red)	12-1 Solid (White)	12-1 Solid (Green)	16-2 Solid (TPJ) (Purple, Pink)	18BMB42TL00	18BMB60TL00	242	0.613
12-3	12-2 Solid (Brown, Orange)	12-1 Solid (Gray)	12-1 Solid (Green)	16-2 Solid (TPJ) (Purple, Pink)	18BMB42TL01	18BMB60TL01	242	0.613
10-2	10-1 Solid (Black)	10-1 Solid (White)	10-1 Solid (Green)	16-2 Solid (TPJ) (Purple, Pink)	18BKB42TL00*	18BKB60TL00	266	0.670
10-2	10-1 Solid (Brown)	10-1 Solid (Gray)	10-1 Solid (Green)	16-2 Solid (TPJ) (Purple, Pink)	18BKB42TL01*	18BKB60TL01	266	0.670

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

Other conductor colors available by special order.

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

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

Gaylord Packaging Solution

Product Code	Trade Size				Product Code		Approx. Weight	Approx. Armor O.D.
	Phase Conductor AWG (Color)	Neutral Conductor AWG (Color)	Grounding Conductor AWG (Color)	Control Conductors AWG (Colors)	250' Coil	1000' Reel	(lb/1000ft)	(in)
Solid								
12-2	12-1 Solid (Black)	12-1 Solid (White)	12-1 Solid (Green)	16-2 Solid (TPJ) (Purple, Pink)	18BEB76TL00*	6000	238	0.596
12-2	12-1 Solid (Brown)	12-1 Solid (Gray)	12-1 Solid (Green)	16-2 Solid (TPJ) (Purple, Pink)	18BEB76TL01*	6000	238	0.596

MC Luminary® PVC Jacketed

Type MC-PCS - Interlocked Galvanized Steel Armor

Armor

- Interlocked Galvanized Steel Strip w/ Charcoal Gray PVC Jacket

Conductors

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

Conductors Insulation

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

Assembly Covering

- Polypropylene Tape

Neutral Conductor

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

Grounding

- Insulated Green Copper Grounding Conductor

Control Cables

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

Maximum Temperature Rating

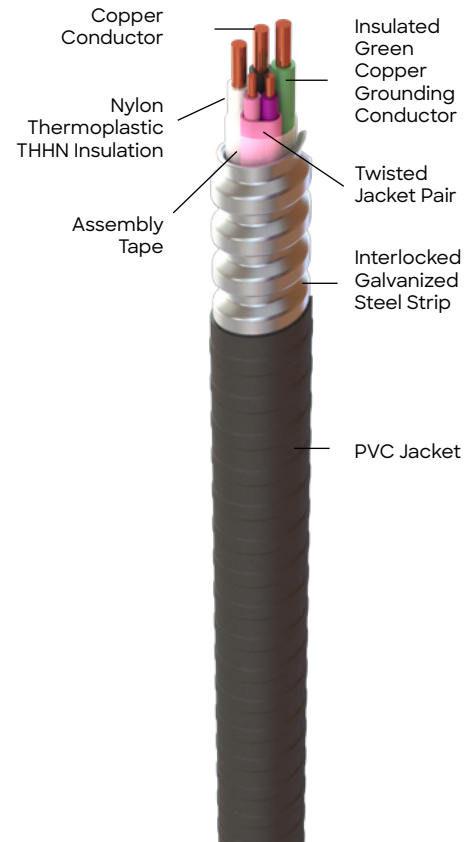
- 90°C (Dry); 75°C (Wet)

Maximum Voltage Rating

- 600V

References & Ratings

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



Conductor					Product Code		Approx. Weight	Approx. Armor O.D.	Approx. Overall Jacket O.D.	PVC Jacket Color
Trade Size	Phase Conductor AWG (Color)	Neutral Conductor AWG (Color)	Grounding Conductor AWG (Color)	Control Conductors AWG (Colors)	250' Coil	1000' Reel	(lb/1000ft)	(in)	(in)	
12-2	12-1 Solid (Black)	12-1 Solid (White)	12-1 Solid (Green)	16-2 Solid (TPJ) (Purple, Pink)	LJ04-42-L00	LJ04-60-L00	326	0.636	0.736	Charcoal Gray
12-2	12-1 Solid (Brown)	12-1 Solid (Gray)	12-1 Solid (Green)	16-2 Solid (TPJ) (Purple, Pink)	LJ04-42-L01	LJ04-60-L01	326	0.636	0.736	Charcoal Gray
12-2	12-1 Solid (Orange)	12-1 Solid (Gray)	12-1 Solid (Green)	16-2 Solid (TPJ) (Purple, Pink)	LJ04-42-L02*	LJ04-60-L02*	326	0.636	0.736	Charcoal Gray
12-2	12-1 Solid (Yellow)	12-1 Solid (Gray)	12-1 Solid (Green)	16-2 Solid (TPJ) (Purple, Pink)	LJ04-42-L03*	LJ04-60-L03*	326	0.636	0.736	Charcoal Gray
12-2	12-1 Solid (Red)	12-1 Solid (White)	12-1 Solid (Green)	16-2 Solid (TPJ) (Purple, Pink)	LJ04-42-L04*	LJ04-60-L04*	326	0.636	0.736	Charcoal Gray
12-2	12-1 Solid (Blue)	12-1 Solid (White)	12-1 Solid (Green)	16-2 Solid (TPJ) (Purple, Pink)	LJ04-42-L05*	LJ04-60-L05*	326	0.636	0.736	Charcoal Gray
12-3	12-2 Solid (Black, Red)	12-1 Solid (White)	12-1 Solid (Green)	16-2 Solid (TPJ) (Purple, Pink)	LJ05-42-L00*	LJ05-60-L00*	360	0.660	0.760	Charcoal Gray
12-3	12-2 Solid (Brown, Orange)	12-1 Solid (Gray)	12-1 Solid (Green)	16-2 Solid (TPJ) (Purple, Pink)	LJ05-42-L01*	LJ05-60-L01*	360	0.660	0.760	Charcoal Gray
10-2	10-1 Solid (Black)	10-1 Solid (White)	10-1 Solid (Green)	16-2 Solid (TPJ) (Purple, Pink)	LJ07-42-L00*	LJ07-60-L00*	389	0.667	0.767	Charcoal Gray
10-2	10-1 Solid (Brown)	10-1 Solid (Gray)	10-1 Solid (Green)	16-2 Solid (TPJ) (Purple, Pink)	LJ07-42-L01*	LJ07-60-L01*	389	0.667	0.767	Charcoal Gray

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

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

Recommend Atkore Fittings:

Atkore-596-U Uninsulated Trade Size ½"

Atkore-596-I Insulated Trade Size ½"

MC Luminary Quik® Lite

Type MC-PCS - Interlocked Aluminum Armor

Armor

- Interlocked Aluminum Strip

Conductors

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

Conductors Insulation

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

Assembly Covering

- Wrap Free design

Neutral Conductor

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

Grounding

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

Control Cables

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

Maximum Voltage Rating

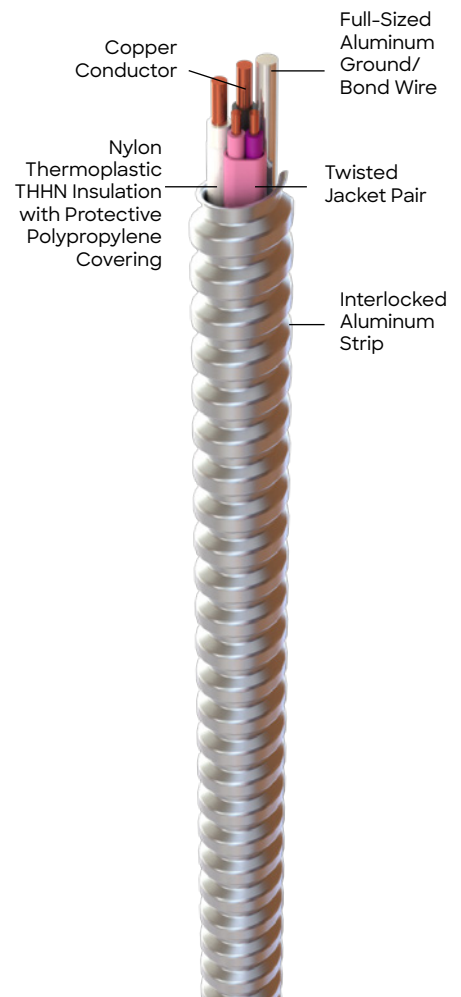
- 600V

Maximum Temperature Rating

- 90°C (Dry)

References & Ratings

- UL 66, 83, 1479, 1569, 1581, 2556, File Reference E80042
- NEC® 250.118(I), 300.22(C), 330, 392, 396, 501, 502, 503, 504, 505, 518, 520, 530, 645, 725.136(I)(1)
- NEC® 300.22 (C) Other Spaces Used For Environmental Air (Plenums)
- Power and/or lighting as well as signal and/or control conductors per NEC® section 725.136 (I)(1)
- UL classified 1, 2, and 3, hour through (Fire) penetration product R14141
- Cable tray rated, install per NEC®
- Federal Specification A-A-59544 (formerly J-C-30B)
- Meets all applicable OSHA and HUD requirements
- May be surface mounted, fished and /or embedded in plaster
- Made in USA of US and /or imported materials
- Aluminum armored cables are RoHS compliant
- U.S. Patent 8,088,977 | 10,431,353



Conductor					Product Code		Approx. Weight	Approx. Armor O.D.
Trade Size	Phase Conductor AWG (Color)	Neutral Conductor AWG (Color)	Bare Alum. Bonding/ Bond Wire. AWG	Control Conductors AWG (Colors)	250' Coil	1000' Reel	(lb/1000ft)	(in)
Solid Power								
12-2	12-1 Solid (Black)	12-1 Solid (White)	10-1 Solid	16-2 Solid (TPJ) (Purple, Pink)	MC04-42-L00	MC04-60-L00	166	0.747
12-2	12-1 Solid (Brown)	12-1 Solid (Gray)	10-1 Solid	16-2 Solid (TPJ) (Purple, Pink)	MC04-42-L01	MC04-60-L01	166	0.747
12-2	12-1 Solid (Orange)	12-1 Solid (Gray)	10-1 Solid	16-2 Solid (TPJ) (Purple, Pink)	MC04-42-L02	MC04-60-L02	166	0.747
12-2	12-1 Solid (Yellow)	12-1 Solid (Gray)	10-1 Solid	16-2 Solid (TPJ) (Purple, Pink)	MC04-42-L03*	MC04-60-L03*	166	0.747
12-2	12-1 Solid (Red)	12-1 Solid (White)	10-1 Solid	16-2 Solid (TPJ) (Purple, Pink)	MC04-42-L04*	MC04-60-L04*	166	0.747
12-2	12-1 Solid (Blue)	12-1 Solid (White)	10-1 Solid	16-2 Solid (TPJ) (Purple, Pink)	MC04-42-L05*	MC04-60-L05*	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	MC05-60-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	MC05-60-L01	190	0.769
Stranded Power								
12-2	12-1 Stranded (Black)	12-1 Stranded (White)	10-1 Solid	16-2 Solid (TPJ) (Purple, Pink)	MC58-42-L00	MC58-60-L00	171	0.759
12-2	12-1 Stranded (Brown)	12-1 Stranded (White)	10-1 Solid	16-2 Solid (TPJ) (Purple, Pink)	MC58-42-L01	MC58-60-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	MC59-60-L00*	202	0.784
12-3	12-2 Stranded (Brown, Orange)	12-1 Stranded (White)	10-1 Solid	16-2 Solid (TPJ) (Purple, Pink)	MC59-42-L01	MC59-60-L01*	202	0.784

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

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

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

Use with an MCI-A listed Connector

MC Luminary HCF® Lite

Type MC-PCS - Interlocked Aluminum Armor

Armor

- Interlocked Aluminum Strip
- Color-Coded Lime Green

Conductors

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

Conductors Insulation

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

Assembly Covering

- Wrap Free design

Neutral Conductor

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

Grounding

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

Control Cables

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

Maximum Voltage Rating

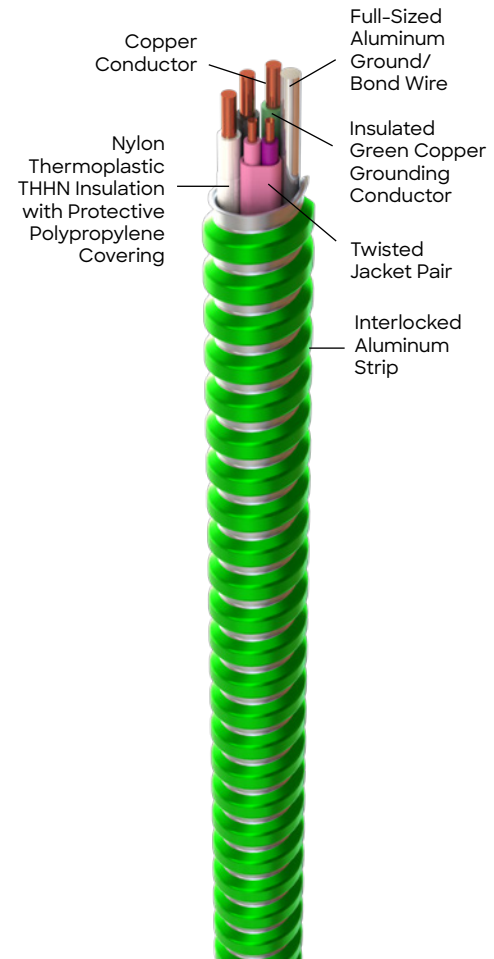
- 600V

Maximum Temperature Rating

- 90°C (Dry)

References & Ratings

- UL 66, 83, 1479, 1569, 1581, 2556, File Reference E80042
- NEC® 250.118(I), 300.22(C), 330, 392, 396, 501, 502, 503, 504, 505, 518, 520, 530, 645, 725.136(I)(1)
- NEC® 300.22 (C) Other Spaces Used For Environmental Air (Plenums)
- Power and/or lighting as well as signal and/or control conductors per NEC® section 725.136 (I)(1)
- UL classified 1, 2, and 3, hour through (Fire) penetration product R14141
- Cable tray rated, install per NEC®
- Federal Specification A-A-59544 (formerly J-C-30B)
- Meets all applicable OSHA and HUD requirements
- May be surface mounted, fished and /or embedded in plaster
- Made in USA of US and /or imported materials
- Aluminum armored cables are RoHS compliant
- U.S. Patent 8,088,977 | 10,431,353



Conductor						Product Code		Approx. Weight	Approx. Armor O.D.
Trade Size	Phase Conductor AWG (Color)	Neutral Conductor AWG (Color)	Grounding Conductor AWG (Color)	Bare Alum. Bonding/ Bond Wire AWG	Control Conductors AWG (Colors)	250' Coil	1000' Reel	(lb/1000ft)	(in)
Solid Power									
12-2	12-1 Solid (Black)	12-1 Solid (White)	12-1 Solid (Green)	10-1 Solid	16-2 Solid (TPJ) (Purple, Pink)	LH04-42-L00	LH04-60-L00	207	0.708
12-2	12-1 Solid (Brown)	12-1 Solid (Gray)	12-1 Solid (Green)	10-1 Solid	16-2 Solid (TPJ) (Purple, Pink)	LH04-42-L01	LH04-60-L01	207	0.708
12-2	12-1 Solid (Orange)	12-1 Solid (Gray)	12-1 Solid (Green)	10-1 Solid	16-2 Solid (TPJ) (Purple, Pink)	LH04-42-L02	LH04-60-L02	207	0.708
12-2	12-1 Solid (Yellow)	12-1 Solid (Gray)	12-1 Solid (Green)	10-1 Solid	16-2 Solid (TPJ) (Purple, Pink)	LH04-42-L03	LH04-60-L03*	207	0.708
12-2	12-1 Solid (Red)	12-1 Solid (White)	12-1 Solid (Green)	10-1 Solid	16-2 Solid (TPJ) (Purple, Pink)	LH04-42-L04*	LH04-60-L04*	207	0.708
12-2	12-1 Solid (Blue)	12-1 Solid (White)	12-1 Solid (Green)	10-1 Solid	16-2 Solid (TPJ) (Purple, Pink)	LH04-42-L05*	LH04-60-L05*	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
10-2	10-1 Solid (Black)	10-1 Solid (White)	10-1 Solid (Green)	8-1 Solid	16-2 Solid (TPJ) (Purple, Pink)	LH07-42-L00*	LH07-60-L00*	268	0.783
10-2	10-1 Solid (Brown)	10-1 Solid (Gray)	10-1 Solid (Green)	8-1 Solid	16-2 Solid (TPJ) (Purple, Pink)	LH07-42-L01*	LH07-60-L01*	268	0.783
Stranded Power									
12-2	12-1 Stranded (Black)	12-1 Stranded (White)	12-1 Stranded (Green)	10-1 Solid	16-2 Solid (TPJ) (Purple, Pink)	LH58-42-L00	LH58-60-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*	LH58-60-L01*	213	0.725

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

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

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

Luminary Fixture Whips

Reduced Wall Interlocked Galvanized Steel Flexible Conduit - UL Listed

Conduit

- Reduced Wall Galvanized Steel Flexible Metal Conduit

Conductors

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

Conductor Insulation

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

Neutral Conductor

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

Grounding

- Insulated Green Copper Grounding Conductor

Control Cable

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

Maximum Voltage Rating

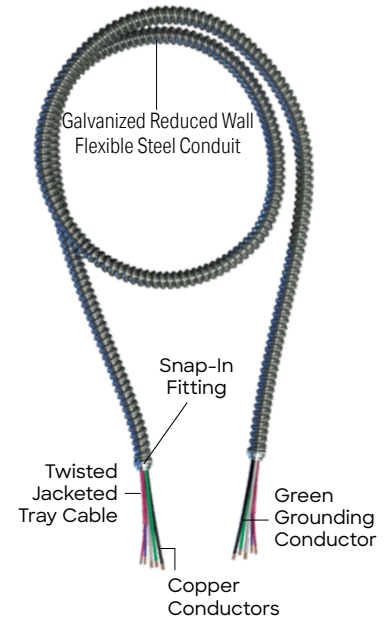
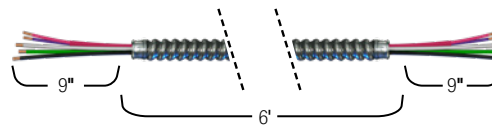
- 600V

Maximum Temperature Rating

- 90°C (Dry) Rating

References & Ratings

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



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

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

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

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

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

Luminary Fixture Whips

Reduced Wall Interlocked Galvanized Steel Flexible Conduit - UL Listed

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

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

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

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

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

MORE BRIGHT IDEAS



MC Glide
Luminary Tuff™ Cable

A cable with a blue and gold braided outer jacket, shown partially cut to reveal internal green, pink, and copper conductors. It is positioned diagonally from the top left towards the center.



MC Glide
Luminary Lite™ Cable

A cable with a silver and gold braided outer jacket, shown partially cut to reveal internal green, pink, and copper conductors. It is positioned diagonally from the bottom right towards the center.

Notes

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

Notes

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



**BUILDING BETTER
TOGETHER**

Atkore

16100 South Lathrop Avenue
Harvey, IL 60426

TOLL FREE / 800-757-6996
FAX / 708-339-7814

atkore.com/afcweb
atkore.com/kaftech

Atkore

Want to join a company that helps you build
the mindset, skill set and tool set for success?
Visit us at atkore.com/careers