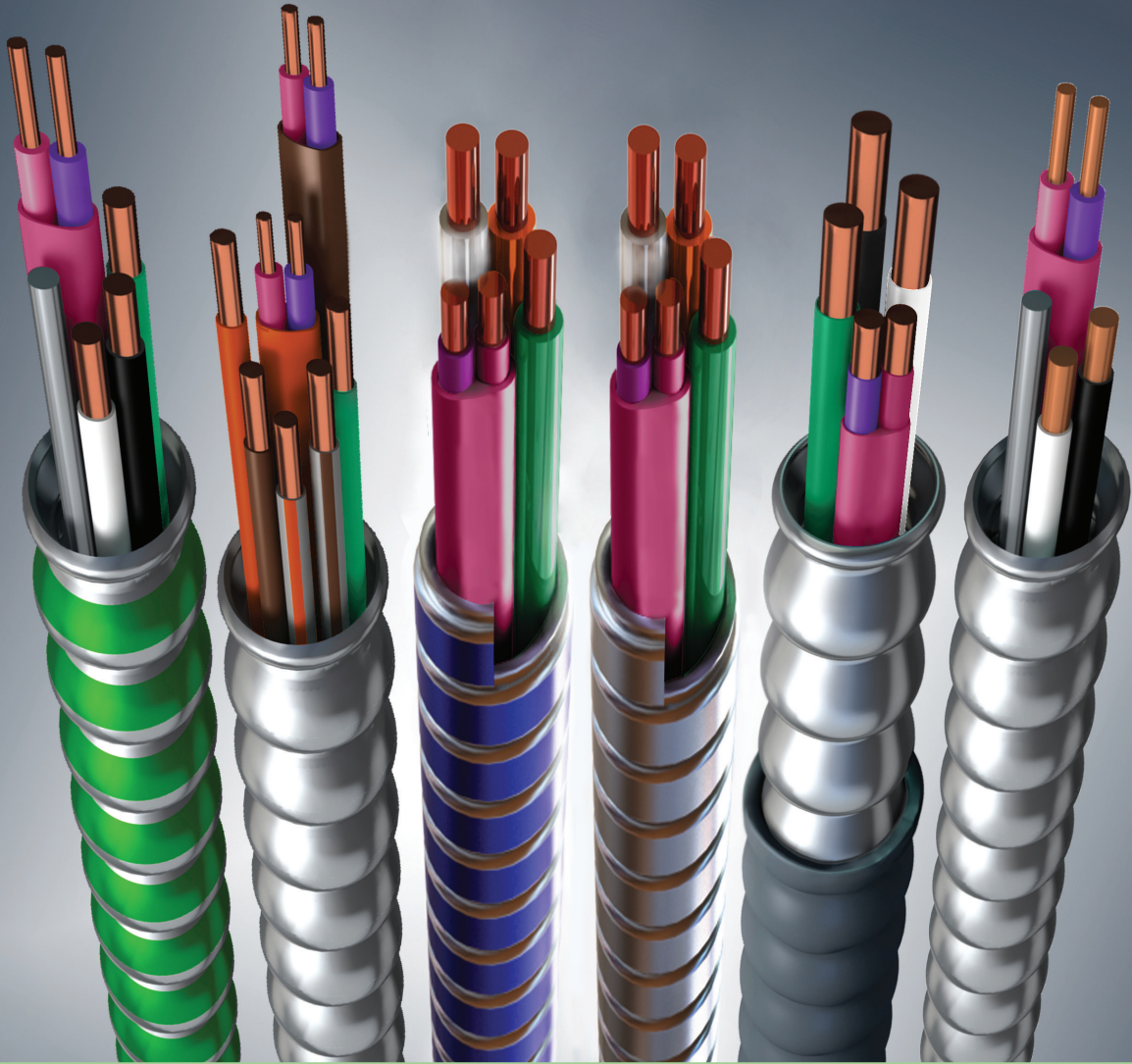


MC Luminary® Cables



 **Atkore™**

What a Bright Idea!

MC Luminary Cable Products

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.

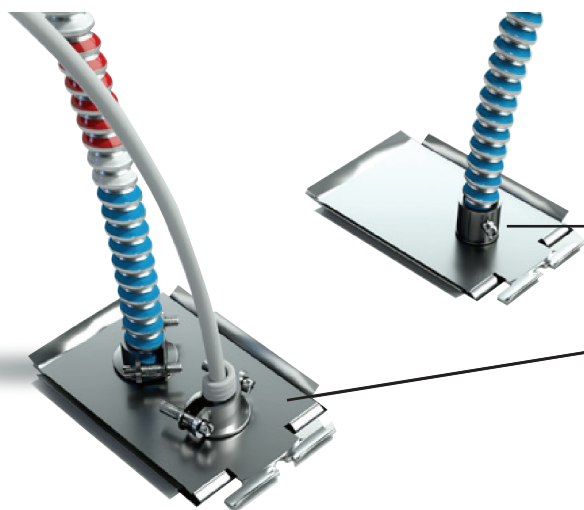
Dimmable Lighting



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



▲ MC Luminary Cable Installation

▲ Traditional Power and Control

MC Luminary® Cables



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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



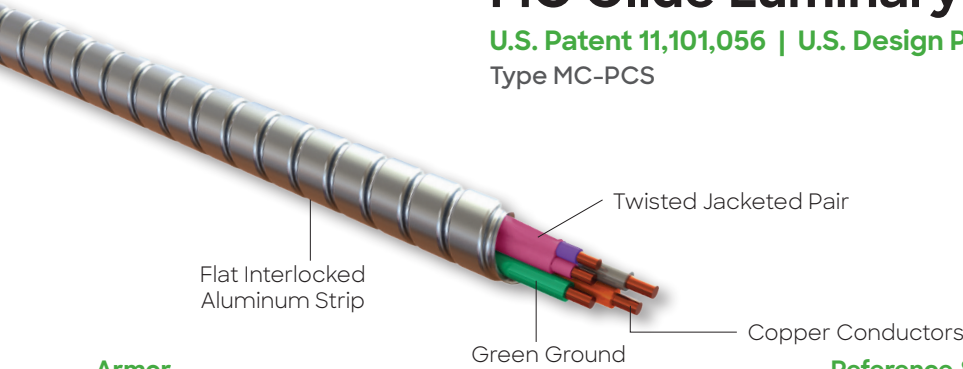
MC Luminary
Multizone



MC Glide Luminary Lite Cable

U.S. Patent 11,101,056 | U.S. Design Patent D935,731 | U.S. Patent 10,431,353

Type MC-PCS



Armor

Interlocked Aluminum Strip (Plain)

Conductors

Solid/Stranded Copper

Conductor Insulation

THHN (Power)

TFN (Control)

Maximum Temperature Rating

90°C (Dry)

Neutral Conductor

White 120/208V

Gray 277/480V

Control Cables

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

Maximum Voltage Rating

600V

Reference & Rating

- 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)
- Permits conductors of control circuits to be placed in a cable with conductors of electric light, power, or Class 1 circuits
- Federal Specification A-A-59544 (formerly J-C-30B)
- Meets all applicable OSHA and HUD Requirements
- Cable Tray Rated, install per NEC®
- UL Classified 1, 2, and 3 hour through penetration (Fire Stop) product, R14141
- 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)
- May be surface mounted, fished and/or embedded in plaster

Product Code		Trade Size	Grounding Conductor AWG	Approx. Weight lbs/1,000ft	Approx. Armor O.D. (in)
250' Reels	1000' Reels				
Solid					
AL04-42-L00	AL04-60-L00	16-2 (TPJ) (Purple, Pink) 12-2 (Black, White)	12-1 (Green)	145	0.570
AL04-42-L01	AL04-60-L01	16-2 (TPJ) (Purple, Pink) 12-2 (Brown, Gray)	12-1 (Green)	145	0.570
AL04-42-L02	AL04-60-L02	16-2 (TPJ) (Purple, Pink) 12-2 (Orange, Gray)	12-1 (Green)	145	0.570
AL04-42-L03	AL04-60-L03	16-2 (TPJ) (Purple, Pink) 12-2 (Yellow, Gray)	12-1 (Green)	145	0.570
AL04-42-L04	AL04-60-L04	16-2 (TPJ) (Purple, Pink) 12-2 (Red, White)	12-1 (Green)	145	0.570
AL04-42-L05	AL04-60-L05	16-2 (TPJ) (Purple, Pink) 12-2 (Blue, White)	12-1 (Green)	145	0.570
AL04-42-L08*	AL04-60-L08*	16-2 (TPJ) (Purple, Pink) 12-2 (Pink, Gray)	12-1 (Green)	145	0.570
Stranded (16-2 Solid)					
AL58-42-L00	AL58-60-L00	16-2 (TPJ) (Purple, Pink) 12-2 (Black, White)	12-1 (Green)	148	0.575
AL58-42-L01	AL58-60-L01	16-2 (TPJ) (Purple, Pink) 12-2 (Brown, Gray)	12-1 (Green)	148	0.575
AL58-42-L02*	AL58-60-L02*	16-2 (TPJ) (Purple, Pink) 12-2 (Orange, Gray)	12-1 (Green)	148	0.575
AL58-42-L03*	AL58-60-L03*	16-2 (TPJ) (Purple, Pink) 12-2 (Yellow, Gray)	12-1 (Green)	148	0.575
AL58-42-L04*	AL58-60-L04*	16-2 (TPJ) (Purple, Pink) 12-2 (Red, White)	12-1 (Green)	148	0.575
AL58-42-L05*	AL58-60-L05*	16-2 (TPJ) (Purple, Pink) 12-2 (Blue, White)	12-1 (Green)	148	0.575

All dimensions and weights are subject to normal manufacturing tolerances.

Other conductor colors available by special order.

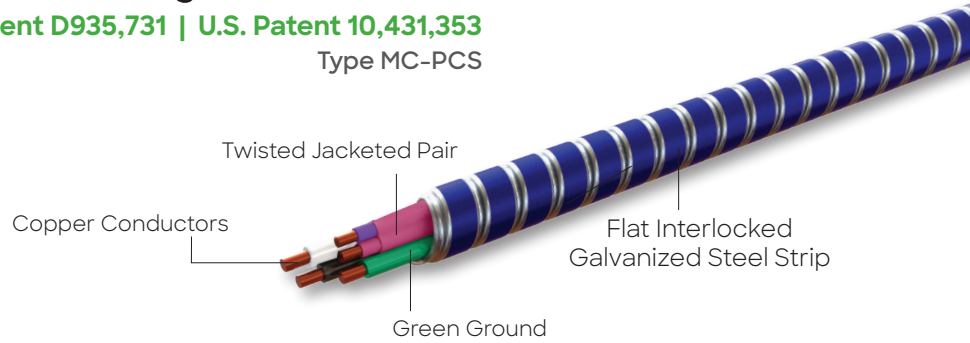
*Non-stock items require lead time and minimum quantity order.

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

MC Glide Luminary Tuff Cable

U.S. Patent 11,101,056 | U.S. Design Patent D935,731 | U.S. Patent 10,431,353

Type MC-PCS



Armor

Galvanized Interlocked Steel Strip (Blue)

Conductors

Solid/Stranded Copper

Conductor Insulation

THHN (Power)

TFN (Control)

Maximum Temperature Rating

90°C (Dry)

Neutral Conductor

White 120/208V

Gray 277/480V

Control Cables

16 AWG Solid TFN Twisted Pink Jacketed pair (Purple/Pink)

Maximum Voltage Rating

600V

Reference & Rating

- 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)
- Permits conductors of control circuits to be placed in a cable with conductors of electric light, power, or Class 1 circuits
- Federal Specification A-A-59544 (formerly J-C-30B)
- Meets all applicable OSHA and HUD Requirements
- Cable Tray Rated, install per NEC®
- UL Classified 1, 2, and 3 hour through penetration (Fire Stop) product, R14141
- 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)
- May be surface mounted, fished and/or embedded in plaster
- Made in USA of US and/or imported materials

Product Code		Trade Size	Grounding Conductor AWG	Approx. Weight lbs/1,000ft	Approx. Armor O.D. (in)
250' Reels	1000' Reels				
Solid					
SL04B42-L00	SL04B60-L00	16-2 (TPJ) (Purple, Pink) 12-2 (Black, White)	12-1 (Green)	208	0.560
SL04B42-L01	SL04B60-L01	16-2 (TPJ) (Purple, Pink) 12-2 (Brown, Gray)	12-1 (Green)	208	0.560
SL04B42-L02	SL04B60-L02	16-2 (TPJ) (Purple, Pink) 12-2 (Orange, Gray)	12-1 (Green)	208	0.560
SL04B42-L03	SL04B60-L03	16-2 (TPJ) (Purple, Pink) 12-2 (Yellow, Gray)	12-1 (Green)	208	0.560
SL04B42-L04	SL04B60-L04	16-2 (TPJ) (Purple, Pink) 12-2 (Red, White)	12-1 (Green)	208	0.560
SL04B42-L05	SL04B60-L05	16-2 (TPJ) (Purple, Pink) 12-2 (Blue, White)	12-1 (Green)	208	0.560
SL04B42-L07*	SL04B60-L07*	16-2 (TPJ) (Purple, Pink) 12-2 (Purple, Gray)	12-1 (Green)	208	0.560

All dimensions and weights are subject to normal manufacturing tolerances.

Other conductor colors available by special order.

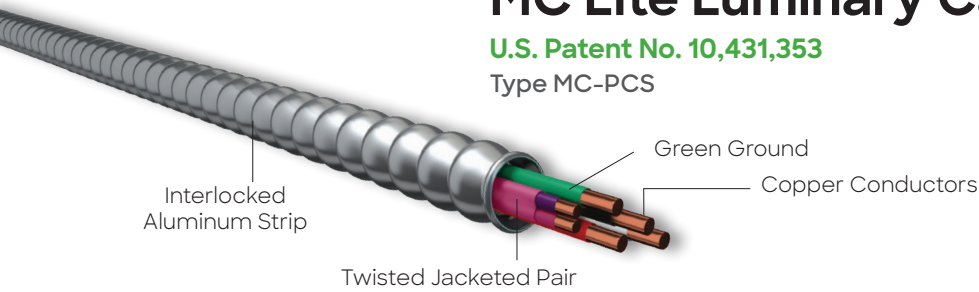
*Non-stock items require lead time and minimum quantity order.

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

MC Lite Luminary Cable

U.S. Patent No. 10,431,353

Type MC-PCS



Armor

Interlocked Aluminum Strip (Plain)

Conductors

Solid/Stranded Copper

Conductor Insulation

THHN (Power)

TFN (Control)

Maximum Temperature Rating

90°C (Dry)

Neutral Conductor

White 120/208V

Gray 277/480V

Control Cables

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

Maximum Voltage Rating

600V

Reference & Rating

- 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)
- Permits conductors of control circuits to be placed in a cable with conductors of electric light, power, or Class 1 circuits
- Federal Specification A-A-59544 (formerly J-C-30B)
- Meets all applicable OSHA and HUD Requirements
- Cable Tray Rated, install per NEC®
- UL Classified 1, 2, and 3 hour through penetration (Fire Stop) product, R14141
- 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)
- May be surface mounted, fished and/or embedded in plaster
- Made in USA of US and/or imported materials

Product Code		Trade Size	Grounding Conductor AWG	Approx. Weight lbs/1,000ft	Approx. Armor O.D. (in)
250' Reels	1000' Reels				
Solid					
18BG-42-L00	18BG-60-L00	16-2 (TPJ) (Purple, Pink) 12-3 (Black, Red, White)	12-1 (Green)	183	0.653
18BG-42-L01	18BG-60-L01	16-2 (TPJ) (Purple, Pink) 12-3 (Brown, Orange, Gray)	12-1 (Green)	183	0.653
18BH-42-L00	18BH-60-L00	16-2 (TPJ) (Purple, Pink) 10-2 (Black, White)	10-1 (Green)	202	0.670
18BH-42-L01	18BH-60-L01	16-2 (TPJ) (Purple, Pink) 10-2 (Brown, Gray)	10-1 (Green)	202	0.670
Stranded (16-2 Solid)					
18SI-42-L00	18SI-60-L00	16-2 (TPJ) (Purple, Pink) 12-3 (Black, Red, White)	12-1 (Green)	188	0.666
18SI-42-L01	18SI-60-L01*	16-2 (TPJ) (Purple, Pink) 12-3 (Brown, Orange, Gray)	12-1 (Green)	188	0.666

All dimensions and weights are subject to normal manufacturing tolerances.

Other conductor colors available by special order.

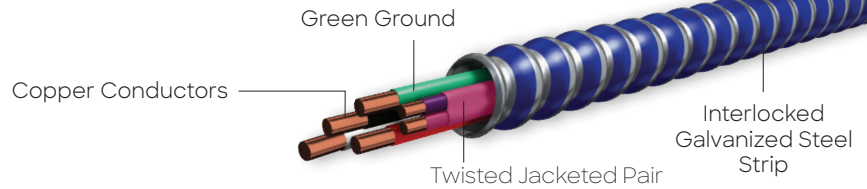
*Non-stock items require lead time and minimum quantity order.

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

MC Tuff Luminary Cable

U.S. Patent No. 10,431,353

Type MC-PCS



Armor

Interlocked Galvanized Steel Strip (Blue)

Conductors

Solid Copper

Conductor Insulation

THHN (Power)

TFN (Control)

Maximum Temperature Rating

90°C (Dry)

Neutral Conductor

White 120/208V

Gray 277/480V

Control Cables

16 AWG Solid TFN Twisted Pink Jacketed pair (Purple/Pink)

Maximum Voltage Rating

600V

Reference & Rating

- UL 66, 83, 1479, 1569, 1581, 2556, File Reference E80042
- NEC® 250.118, 300.22(C), 330, 392, 396, 501, 502, 503, 504, 505, 518, 520, 530, 645, 725
- Federal Specification A-A-59544 (formerly J-C-30B)
- Meets all applicable OSHA and HUD Requirements
- Cable Tray Rated, install per NEC®
- UL Classified 1, 2, and 3 hour through penetration (Fire Stop) product, R14141
- 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(l)(1)
- Made in USA of US and/or imported materials

Product Code		Trade Size	Grounding Conductor AWG	Approx. Weight lbs/1,000ft	Approx. Armor O.D. (in)
250' Reels	1000' Reels				
Solid					
18BMB42TL00	18BMB60TL00	16-2 (TPJ) (Purple, Pink) 12-3 (Black, Red, White)	12-1 (Green)	269	0.653
18BMB42TL01	18BMB60TL01	16-2 (TPJ) (Purple, Pink) 12-3 (Brown, Orange, Gray)	12-1 (Green)	269	0.653
18BKB42TL00*	18BKB60TL00	16-2 (TPJ) (Purple, Pink) 10-2 (Black, White)	10-1 (Green)	291	0.670
18BKB42TL01*	18BKB60TL01	16-2 (TPJ) (Purple, Pink) 10-2 (Brown, Gray)	10-1 (Green)	291	0.670

All dimensions and weights are subject to normal manufacturing tolerances.

Other conductor colors available by special order.

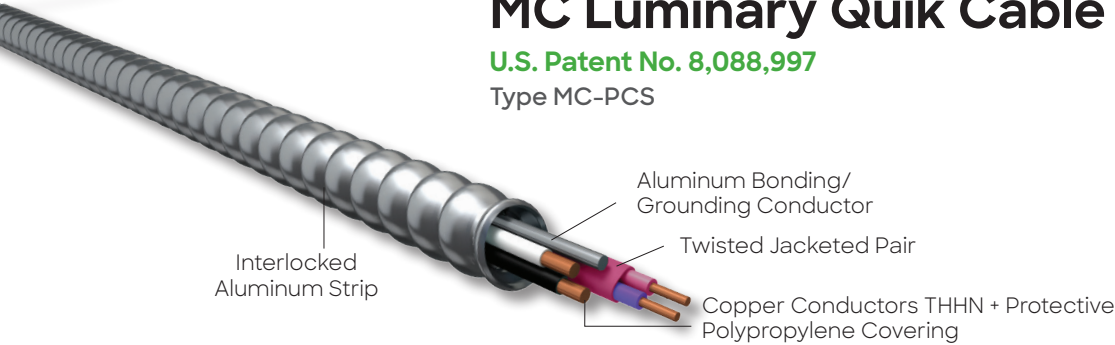
*Non-stock items require lead time and minimum quantity order.

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

MC Luminary Quik Cable

U.S. Patent No. 8,088,997

Type MC-PCS



Armor

Interlocked Aluminum Strip (Plain)

Conductors

Solid/Stranded Copper

Conductor Insulation

THHN with protective polypropylene covering on each insulated conductor (Power)

TFN (Control)

Maximum Temperature Rating

90°C (Dry) Rating

Neutral Conductor

White 120/208V

Gray 277/480V

Control Cables

16 AWG Solid TFN Twisted Pink Jacketed pair (Purple/Pink)

Maximum Voltage Rating

600V

Reference & Rating

- UL® 66, 83,1569, 1581, 2556, File Reference E80042
- NEC® 230.43, 250.118, 300.22(C), 330, 392, 396, 501, 502, 503, 518, 520, 530, 645, 690.31(G) Solar Photo voltaic applications, 725
- Federal spec A-A-59544 (formerly J-C-30B)
- Meets all applicable OSHA and HUD requirements
- May be surface mounted, fished and/or embedded in plaster
- UL® Classified 1, 2, and 3 hour through (Fire) penetration product, R-14141
- NEC® 300.22(C) other spaces used for environmental air (plenums)
- Cable Tray Rated, install per NEC®
- Power and/or lighting as well as signal and/or control conductors per NEC® Section 725.136(l)(1)
- Made in USA of US and/or imported materials

Product Code		Trade Size	Bare Alum. Bonding/ Bond Cond. AWG	Approx. Weight lbs/1,000ft	Approx. Amor O.D. (in)
250' Reels	1000' Reels				
Solid					
MC04-42-L00	MC04-60-L00*	16-2 (TPJ) (Purple, Pink) 12-2 (Black, White)	10	160	0.686
MC04-42-L01	MC04-60-L01	16-2 (TPJ) (Purple, Pink) 12-2 (Brown, Gray)	10	160	0.686
MC04-42-L02*	MC04-60-L02*	16-2 (TPJ) (Purple, Pink) 12-2 (Orange, Gray)	10	160	0.686
MC04-42-L03*	MC04-60-L03*	16-2 (TPJ) (Purple, Pink) 12-2 (Yellow, Gray)	10	160	0.686
MC04-42-L04*	MC04-60-L04*	16-2 (TPJ) (Purple, Pink) 12-2 (Red, White)	10	160	0.686
MC04-42-L05*	MC04-60-L05*	16-2 (TPJ) (Purple, Pink) 12-2 (Blue, White)	10	160	0.686
MC05-42-L00	MC05-60-L00*	16-2 (TPJ) (Purple, Pink) 12-3 (Black, Red, White)	10	190	0.708
MC05-42-L01*	MC05-60-L01*	16-2 (TPJ) (Purple, Pink) 12-3 (Brown, Orange, Gray)	10	190	0.708
Stranded (16-2 Solid)					
MC58-42-L00	MC58-42-L00*	16-2 (TPJ) (Purple, Pink) 12-2 (Black, White)	10	171	0.699
MC58-42-L01	MC58-42-L01*	16-2 (TPJ) (Purple, Pink) 12-2 (Brown, Gray)	10	171	0.699
MC59-42-L00*	MC59-60-L00*	16-2 (TPJ) (Purple, Pink) 12-3 (Black, Red, White)	10	202	0.725
MC59-42-L01*	MC59-60-L01*	16-2 (TPJ) (Purple, Pink) 12-3 (Brown, Orange, Gray)	10	202	0.725

All dimensions and weights are subject to normal manufacturing tolerances.

Also available with Steel armor. 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

MC Luminary PVC Jacketed Cable

U.S. Patent No. 10,431,353

Type MC-PCS

Armor

Galvanized Interlocked Steel Strip with PVC jacket

Jacket Color

Charcoal Gray

Conductors

Solid Copper

Conductor Insulation

THHN/THWN (Power)

TFN (Control)

Maximum Temperature Rating

90°C (Dry);75°C (Wet)

Neutral Conductor

White 120/208V

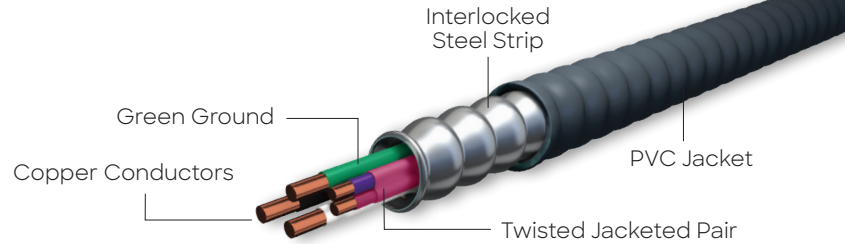
Gray 277/480V

Control Cables

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

Maximum Voltage Rating

600V



Reference & Rating

- UL 66, 83,1569, 1581, 2556, File Reference E80042
- NEC® 250.118, 330, 392, 396, 501, 502, 503, 504, 505, 518, 520, 530, 645, 725
- UL listed for direct burial in earth or concrete encasement
- Listed for -40°C low temperature use
- UL1569, 70,000 BTU and FT4 vertical tray flame listed
- Sunlight and oil resistant with direct plow-in capability
- Federal Specification A-A-59544 (formerly J-C-30B)
- Meets all applicable OSHA and HUD Requirements
- Cable Tray Rated, install per NEC®
- 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 materials

Product Code		PVC Jacket Color	Trade Size	Grounding Conductor AWG	Approx. Weight lbs/1,000ft	Approx. Armor O.D. (in)	Approx. Over Jacket O.D. (in)
250' Reels	1000' Reels						
Solid							
LJ04-42-L00	LJ04-60-L00	Charcoal Gray	16-2 (TPJ) (Purple, Pink) 12-2 (Black, White)	12-1 (Green)	345	0.623	0.723
LJ04-42-L01	LJ04-60-L01	Charcoal Gray	16-2 (TPJ) (Purple, Pink) 12-2 (Brown, Gray)	12-1 (Green)	345	0.623	0.723
LJ04-42-L02*	LJ04-60-L02*	Charcoal Gray	16-2 (TPJ) (Purple, Pink) 12-2 (Orange, Gray)	12-1 (Green)	345	0.623	0.723
LJ04-42-L03*	LJ04-60-L03*	Charcoal Gray	16-2 (TPJ) (Purple, Pink) 12-2 (Yellow, Gray)	12-1 (Green)	345	0.623	0.723
LJ04-42-L04*	LJ04-60-L04*	Charcoal Gray	16-2 (TPJ) (Purple, Pink) 12-2 (Red, White)	12-1 (Green)	345	0.623	0.723
LJ04-42-L05*	LJ04-60-L05*	Charcoal Gray	16-2 (TPJ) (Purple, Pink) 12-2 (Blue, White)	12-1 (Green)	345	0.623	0.723
LJ05-42-L00*	LJ05-60-L00*	Charcoal Gray	16-2 (TPJ) (Purple, Pink) 12-3 (Black, Red, White)	12-1 (Green)	381	0.650	0.750
LJ05-42-L01*	LJ05-60-L01*	Charcoal Gray	16-2 (TPJ) (Purple, Pink) 12-3 (Brown, Orange, Gray)	12-1 (Green)	381	0.650	0.750
LJ07-42-L00*	LJ07-60-L00*	Charcoal Gray	16-2 (TPJ) (Purple, Pink) 10-2 (Black, White)	10-1 (Green)	407	0.667	0.767
LJ07-42-L01*	LJ07-60-L01*	Charcoal Gray	16-2 (TPJ) (Purple, Pink) 10-2 (Brown, Gray)	10-1 (Green)	407	0.667	0.767

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.

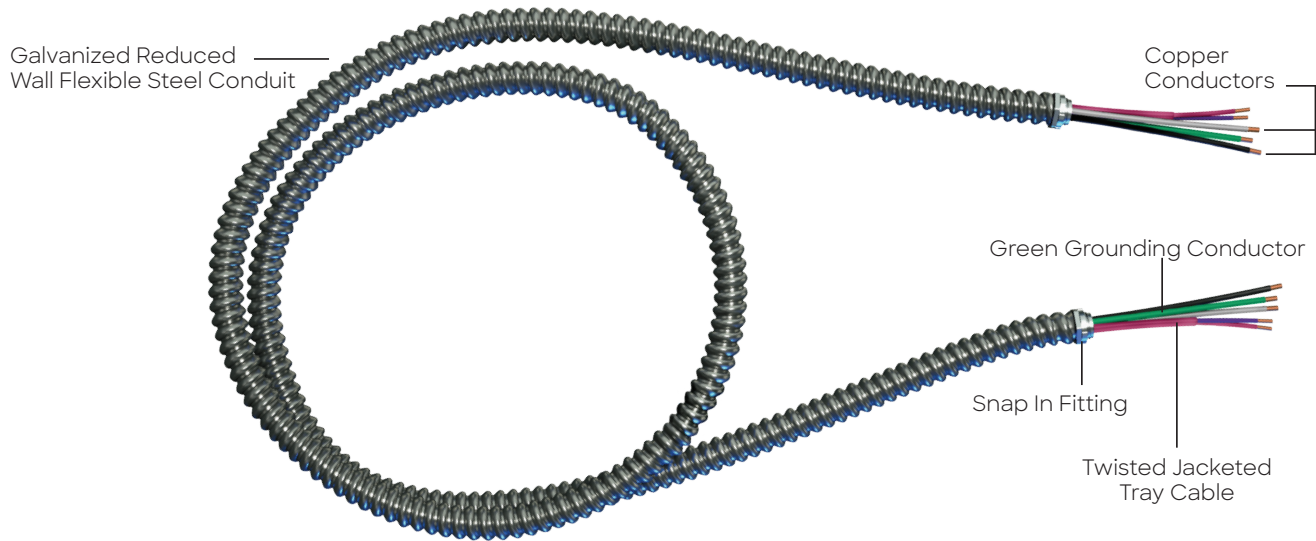
MC Luminary Cable is intended for use in non-shielded applications

Recommend Atkore Fittings

Atkore-596-U Uninsulated Trade Size 1/2"

Atkore-596-I Insulated Trade Size 1/2"

Luminary Fixture Whips



Conduit

Galvanized Reduced Wall Flexible Steel Conduit

Conductors

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

Insulation

Power: THHN or TFN
Control: 18-2 AWG or 16-2 AWG Tray Cable

Maximum Temperature Rating

90° C (Dry) Rating

Grounding

Insulated Green Copper Grounding Conductor

Neutral Conductor

White 120/208V
Gray 277/480V

Maximum Voltage Rating

600V

Features & Benefits

- Lead lengths of 9 inches on each side
- For LED and fluorescent dimming applications
- Uses 6 foot length of 1/2 inch flex, other sizes available upon request
- Stock items assembled with Snap-In Fitting, others available upon request

Reference & Rating

- 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

Luminary Fixture Whips

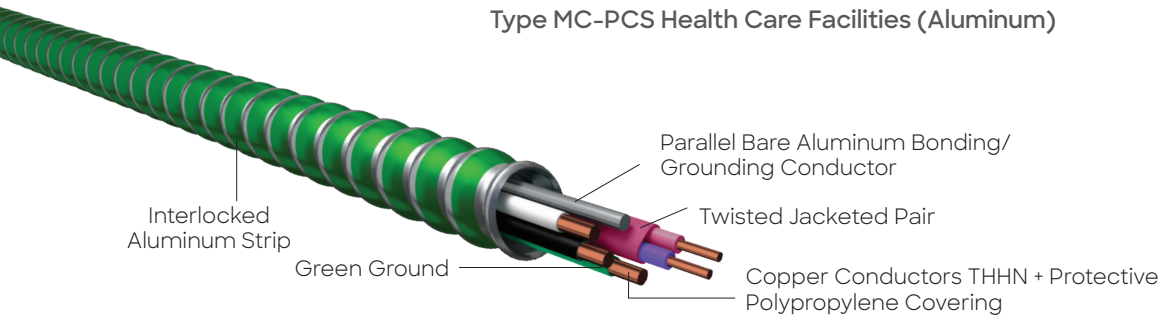
Part Number	Description	Units Per Package
Solid Power / Solid 16-2 Control		
LW4A3S824E6-L00	18-2 (TPJ) (Purple, Pink) 18-3 (Black, White, Green)	50
LW4A3S824E6-L01	18-2 (TPJ) (Purple, Pink) 18-3 (Brown, Gray Green)	50
LW4A4S824E6-L00	18-2 (TPJ) (Purple, Pink) 18-4 (Black, Red, White, Green)	50
LW4A4S824E6-L01	18-2 (TPJ) (Purple, Pink) 18-4 (Brown, Orange, Gray Green)	50
LW4B3S624E6-L00	16-2 (TPJ) (Purple, Pink) 16-3 (Black, White, Green)	50
LW4B3S624E6-L01	16-2 (TPJ) (Purple, Pink) 16-3 (Brown, Gray Green)	50
LW4B4S624E6-L00	16-2 (TPJ) (Purple, Pink) 16-4 (Black, Red, White, Green)	50
LW4B4S624E6-L01	16-2 (TPJ) (Purple, Pink) 16-4 (Brown, Orange, Gray Green)	50
LW4C3S624E6-L00	16-2 (TPJ) (Purple, Pink) 14-3 (Black, White, Green)	50
LW4C3S624E6-L01	16-2 (TPJ) (Purple, Pink) 14-3 (Brown, Gray Green)	50
LW4C4S624E6-L00	16-2 (TPJ) (Purple, Pink) 14-4 (Black, Red, White, Green)	50
LW4C4S624E6-L01	16-2 (TPJ) (Purple, Pink) 14-4 (Brown, Orange, Gray Green)	50
LW4D3S624E6-L00	16-2 (TPJ) (Purple, Pink) 12-3 (Black, White, Green)	50
LW4D3S624E6-L01	16-2 (TPJ) (Purple, Pink) 12-3 (Brown, Gray Green)	50
LW4D4S624E6-L00	16-2 (TPJ) (Purple, Pink) 12-4 (Black, Red, White, Green)	50
LW4D4S624E6-L01	16-2 (TPJ) (Purple, Pink) 12-4 (Brown, Orange, Gray Green)	50
Stranded Power / Solid 16-2 Control		
LW4E3S824E6-L00	18-2 (TPJ) (Purple, Pink) 18-3 (Black, White, Green)	50
LW4E3S824E6-L01	18-2 (TPJ) (Purple, Pink) 18-3 (Brown, Gray Green)	50
LW4E4S824E6-L00	18-2 (TPJ) (Purple, Pink) 18-4 (Black, Red, White, Green)	50
LW4E4S824E6-L01	18-2 (TPJ) (Purple, Pink) 18-4 (Brown, Orange, Gray Green)	50
LW4F3S624E6-L00	16-2 (TPJ) (Purple, Pink) 16-3 (Black, White, Green)	50
LW4F3S624E6-L01	16-2 (TPJ) (Purple, Pink) 16-3 (Brown, Gray Green)	50
LW4F4S624E6-L00	16-2 (TPJ) (Purple, Pink) 16-4 (Black, Red, White, Green)	50
LW4F4S624E6-L01	16-2 (TPJ) (Purple, Pink) 16-4 (Brown, Orange, Gray Green)	50
LW4G3S624E6-L00	16-2 (TPJ) (Purple, Pink) 14-3 (Black, White, Green)	50
LW4G3S624E6-L01	16-2 (TPJ) (Purple, Pink) 14-3 (Brown, Gray Green)	50
LW4G4S624E6-L00	16-2 (TPJ) (Purple, Pink) 14-4 (Black, Red, White, Green)	50
LW4G4S624E6-L01	16-2 (TPJ) (Purple, Pink) 14-4 (Brown, Orange, Gray Green)	50
LW4H3S624E6-L00	16-2 (TPJ) (Purple, Pink) 12-3 (Black, White, Green)	50
LW4H3S624E6-L01	16-2 (TPJ) (Purple, Pink) 12-3 (Brown, Gray Green)	50
LW4H4S624E6-L00	16-2 (TPJ) (Purple, Pink) 12-4 (Black, Red, White, Green)	50
LW4H4S624E6-L01	16-2 (TPJ) (Purple, Pink) 12-4 (Brown, Orange, Gray Green)	50

Note: Carton quantities of 15 pieces available upon request. Also available in aluminum flexible metal conduit.
MC Luminary Cable is intended for use in non-shielded applications

MC Luminary HCF Lite Cable

U.S. Patent No. 8,088,997 & U.S. Patent No. 10,431,353

Type MC-PCS Health Care Facilities (Aluminum)



Armor

Interlocked Aluminum Strip (Light green)

Conductors

Solid/Stranded Copper

Conductor Insulation

THHN + Protective Polypropylene Cover (Power)

TFN (Control)

Maximum Temperature Rating

90°C (Dry)

Grounding

Two grounding means -

(1) Combined armor and full-sized aluminum ground conductor NEC® 250.118(10)(b)

(2) Full-sized green insulated copper grounding conductor

Neutral Conductor

White 120/208V, Gray 277/480V

Control Cables

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

Maximum Voltage Rating

600V

Reference & Rating

- UL 66, 83, 1479, 1569, 1581, 2556, File Reference E80042
- NEC® 250.118, 300.22(C), 330, 392, 396, 501, 502, 503, 504, 505, 517, 518, 520, 530, 645, 690.31(G) Solar Photo Voltaic applications, 725
- Permits conductors of control circuits to be placed in a cable with conductors of electric light, power, or Class 1 circuits
- Federal Specification A-A-59544 (formerly J-C-30B)
- Meets all applicable OSHA and HUD Requirements
- Cable Tray Rated, install per NEC®
- UL Classified 1, 2, and 3 hour through penetration (Fire Stop) product, R14141
- 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)
- Made in USA of US and/or imported materials
- U.S. Patent No. 8,088,997

MC Luminary HCF Lite Cable

U.S. Patent No. 8,088,997 & U.S. Patent No. 10,431,353

Type MC-PCS Health Care Facilities (Aluminum)



Product Code		Trade Size	Grounding Conductor AWG	Bare Alum. Bonding/ Bond Cond. Awg	Approx. Weight Lbs/1,000ft	Approx. Armor O.D. (in)
250' Reels	1000' Reels					
Solid						
LH04-42-L00	LH04-60-L00	16-2 (TPJ) (Purple, Pink) 12-2 (Black, White)	12-1 (Green)	10	197	0.708
LH04-42-L01	LH04-60-L01	16-2 (TPJ) (Purple, Pink) 12-2 (Brown, Gray)	12-1 (Green)	10	197	0.708
LH04-42-L02	LH04-60-L02	16-2 (TPJ) (Purple, Pink) 12-2 (Orange, Gray)	12-1 (Green)	10	197	0.708
LH04-42-L03	LH04-60-L03*	16-2 (TPJ) (Purple, Pink) 12-2 (Yellow, Gray)	12-1 (Green)	10	197	0.708
LH04-42-L04*	LH04-60-L04*	16-2 (TPJ) (Purple, Pink) 12-2 (Red, White)	12-1 (Green)	10	197	0.708
LH04-42-L05*	LH04-60-L05*	16-2 (TPJ) (Purple, Pink) 12-2 (Blue, White)	12-1 (Green)	10	197	0.708
LH05-42-L00	LH05-60-L00	16-2 (TPJ) (Purple, Pink) 12-3 (Black, Red, White)	12-1 (Green)	10	227	0.751
LH05-42-L01	LH05-60-L01*	16-2 (TPJ) (Purple, Pink) 12-3 (Brown, Orange, Gray)	12-1 (Green)	10	227	0.751
LH07-42-L00*	LH07-60-L00*	16-2 (TPJ) (Purple, Pink) 10-2 (Black, White)	10-1 (Green)	8	256	0.758
LH07-42-L01*	LH07-60-L01*	16-2 (TPJ) (Purple, Pink) 10-2 (Brown, Gray)	10-1 (Green)	8	256	0.758
Stranded (16-2 Solid)						
LH58-42-L00	LH58-60-L00*	16-2 (TPJ) (Purple, Pink) 12-2 (Black, White)	12-1 (Green)	10	202.4	0.725
LH58-42-L01*	LH58-60-L01*	16-2 (TPJ) (Purple, Pink) 12-2 (Brown, Gray)	12-1 (Green)	10	202.4	0.725

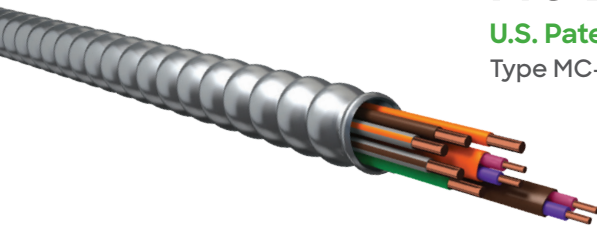
All dimensions and weights are subject to normal manufacturing tolerances.
 Also available with Steel armor. Other conductor colors available by special order.
 *Non-stock items require lead time and minimum quantity order.
 MC Luminary Cable is intended for use in non-shielded applications

MC Luminary Multizone Cable

U.S. Patent No. 10,431,353

Type MC-PCS

MC LUMINARY
MultiZone



Armor

Interlocked Aluminum Strip (Plain)

Conductors

Solid Copper

Conductor Insulation

THHN (Power)

TFN (Control)

Maximum Temperature Rating

90°C (Dry)

Neutral Conductor

White 120/208V

Gray 277/480V

Control Cables

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

See table below for jacket colors

Maximum Voltage Rating

600V

Reference & Rating

- UL 66, 83, 1479, 1569, 1581, 2556, File Reference E80042
- NEC® 250.118, 300.22(C), 330, 392, 396, 501, 502, 503, 504, 505, 518, 520, 530, 645, 725
- Federal Specification A-A-59544 (formerly J-C-30B)
- Meets all applicable OSHA and HUD Requirements
- Cable Tray Rated, install per NEC®
- UL Classified 1, 2, and 3 hour through penetration (Fire Stop) product, R14141
- 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)
- Made in USA of US and/or imported materials

Product Code		Control Cable		Power Conductor Trade Size						Approx. Weight	Approx. Armor O.D.
250' Reels	1000' Reels	Jacket Color	Trade Size	Phase		Neutral		Ground		lbs/1,000ft	(in)
18LB-44-L00*	18LB-60-L00*	Black Jacket	16-2 (Purple, Pink)	12-1	Black	12-1	White	12-1	Green	201	0.738
		Red Jacket	16-2 (Purple, Pink)								
18LB-44-L01*	18LB-60-L01*	Brown Jacket	16-2 (Purple, Pink)	12-1	Brown	12-1	Gray	12-1	Green	201	0.738
		Orange Jacket	16-2 (Purple, Pink)								
18LS-44-L01*	18LS-60-L01*	Brown Jacket	16-2 (Purple, Pink)	12-1	Brown	12-1	Gray	12-1	Green	260	0.842
		Orange Jacket	16-2 (Purple, Pink)								
		Yellow Jacket	16-2 (Purple, Pink)								
18LC-44-L01*	18LC-60-L01*	Brown Jacket	16-2 (Purple, Pink)	12-2	Brown	12-1	Gray	12-1	Green	241	0.795
		Orange Jacket	16-2 (Purple, Pink)								
18LD-44-L01*	18LD-60-L01*	Brown Jacket	16-2 (Purple, Pink)	12-3	Brown	12-1	Gray	12-1	Green	315	0.902
		Orange Jacket	16-2 (Purple, Pink)								
		Yellow Jacket	16-2 (Purple, Pink)								
Neutral Per Phase											
18LP-44-L01*	18LP-60-L01*	Brown Jacket	16-2 (Purple, Pink)	12-2	Brown	12-2	Gray	12-1	Green	271	0.833
		Orange Jacket	16-2 (Purple, Pink)								

All dimensions and weights are subject to normal manufacturing tolerances.
 Also available with Steel armor. 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



MORE BRIGHT IDEAS



MC Glide
Luminary Tuff™ Cable

A blue braided cable with a white inner jacket, cut to reveal internal conductors: a green insulated wire, a pink insulated wire, and several bare copper wires.



MC Glide
Luminary Lite™ Cable

A grey braided cable with a white inner jacket, cut to reveal internal conductors: a green insulated wire, a pink insulated wire, and several bare copper wires.



Allied Tube & Conduit ▲ AFC Cable Systems ▲ Heritage Plastics ▲ Unistrut
Unistrut Construction ▲ Cope ▲ US Tray ▲ Calbrite ▲ Calbond ▲ Kaf-Tech
Columbia-MBF ▲ Eastern Wire + Conduit ▲ ACS/Uni-Fab ▲ Marco
Power-Strut ▲ Calconduit ▲ Razor Ribbon ▲ Calpipe Security ▲ Cii
FRE Composites ▲ Queen City Plastics ▲ Vergokan ▲ Flexicon

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