

MC Tuff Luminary® Cable (U.S. Patent Pending)

UL Listed Type MC-PCS (Steel) Technical Specifications

Armor

Interlocked Galvanized Steel Strip (Blue Armor)

Conductors

Solid Copper

Conductor Insulation

THHN/THWN (Power)

TFN (Control Cables)

Assembly Covering

Polypropylene Tape

Maximum Temperature Rating

90°C (Dry)

Grounding

Insulated Green Copper Grounding Conductor

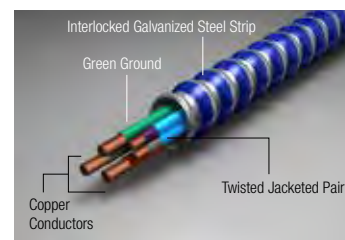
Neutral Conductor

White 120/208V

Gray 277/480V

Maximum Voltage Rating

600V



References & Ratings

- UL 66, 83, 1479, 1569, 1581, 2556, File Reference E80042
- NEC® 250.118, 300.22(C), 392, 396, 330, 501, 502, 503, 530, 504, 505, 518, 520, 530, 645, 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
- Environmental Air-Handling Space Installation per NEC® 300.22(C)
- 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
- Save up to 30% labor and installation costs compared to traditional wiring methods
- Made in USA of US and/or imported materials

Product Code		Trade Size	Length (ft)		Approx. Weight/ 1,000ft (lbs)	Approx. Armor O.D. (in)
Coil	Reel		Coil	Reel		
MC Tuff Luminary Solid						
18BEB42T500	18BEB60T500	16-2 (1TPJ) (Purple, Gray) 12-2 (Black, White, Green)	250	1000	238	0.626
18BEB42T504	18BEB60T504	16-2 (1TPJ) (Purple, Gray) 12-2 (Red, White, Green)	250	1000	238	0.626
18BEB42T505	18BEB60T505	16-2 (1TPJ) (Purple, Gray) 12-2 (Blue, White, Green)	250	1000	238	0.626
18BEB42T501	18BEB60T501	16-2 (1TPJ) (Purple, Gray) 12-2 (Brown, Gray, Green)	250	1000	238	0.626
18BEB42T502	18BEB60T502	16-2 (1TPJ) (Purple, Gray) 12-2 (Orange, Gray, Green)	250	1000	238	0.626
18BEB42T503	18BEB60T503	16-2 (1TPJ) (Purple, Gray) 12-2 (Yellow, Gray, Green)	250	1000	238	0.626
18BEB42T507	18BEB60T507	16-2 (1TPJ) Purple, Gray) 12-2 (Purple, Gray, Green)	250	1000	238	0.626
18BMB42T500	18BMB60T500	16-2 (1TPJ) (Purple, Gray) 12-3 (Black, Red, White, Green)	250	1000	269	0.653
18BMB42T501	18BMB60T501	16-2 (1TPJ) (Purple, Gray) 12-3 (Brown, Orange, Gray, Green)	250	1000	269	0.653
18BKB42T500	18BKB60T500	16-2 (1TPJ) (Purple, Gray) 10-2 (Black, White, Green)	250	1000	291	0.670
18BKB42T501	18BKB60T501	16-2 (1TPJ) (Purple, Gray) 10-2 (Brown, Gray, Green)	250	1000	291	0.670

Other custom constructions available subject to minimums and manufacturing lead-times; contact your AFC Representative for more information.

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

MC Lite Luminary® Cable (U.S. Patent Pending)

UL Listed Type MC-PCS (Aluminum) Technical Specifications

Aarmor

Interlocked Aluminum Strip

Conductors

Solid or Stranded Copper

Conductor Insulation

THHN/THWN (Power)

TFN (Control Cables)

Assembly Covering

Polypropylene Tape

Maximum Temperature Rating

90°C (Dry)

Grounding

Insulated Green Copper Grounding Conductor

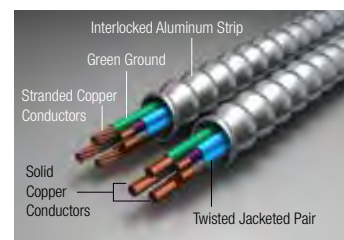
Neutral Conductor

White 120/208V

Gray 277/480V

Maximum Voltage Rating

600V



References & Ratings

- UL 66, 83, 1479, 1569, 1581, 2556, File Reference E80042
- NEC® 250.118, 300.22(C), 392, 396, 330, 501, 502, 503, 530, 504, 505, 518, 520, 530, 645, 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
- Environmental Air-Handling Space Installation per NEC® 300.22(C)
- 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
- Save up to 30% labor and installation costs compared to traditional wiring methods
- Made in USA of US and/or imported materials

Product Code		Trade Size	Length (ft)		Approx. Weight/ 1,000ft (lbs)	Approx. Armor O.D. (in)
Coil	Reel		Coil	Reel		
MC Lite Luminary® Solid						
18BF-42-500	18BF-60-500	16-2 (1TPJ) (Purple, Gray) 12-2 (Black, White, Green)	250	1000	156	0.626
18BF-42-504	18BF-60-504	16-2 (1TPJ) (Purple, Gray) 12-2 (Red, White, Green)	250	1000	156	0.626
18BF-42-505	18BF-60-505	16-2 (1TPJ) (Purple, Gray) 12-2 (Blue, White, Green)	250	1000	156	0.626
18BF-42-501	18BF-60-501	16-2 (1TPJ) (Purple, Gray) 12-2 (Brown, Gray, Green)	250	1000	156	0.626
18BF-42-502	18BF-60-502	16-2 (1TPJ) (Purple, Gray) 12-2 (Orange, Gray, Green)	250	1000	156	0.626
18BF-42-503	18BF-60-503	16-2 (1TPJ) (Purple, Gray) 12-2 (Yellow, Gray, Green)	250	1000	156	0.626
18BG-42-500	18BG-60-500	16-2 (1TPJ) (Purple, Gray) 12-3 (Black, Red, White, Green)	250	1000	183	0.653
18BG-42-501	18BG-60-501	16-2 (1TPJ) (Purple, Gray) 12-3 (Brown, Orange, Gray, Green)	250	1000	183	0.653
18BH-42-500	18BH-60-500	16-2 (1TPJ) (Purple, Gray) 10-2 (Black, White, Green)	250	1000	202	0.670
18BH-42-501	18BH-60-501	16-2 (1TPJ) (Purple, Gray) 10-2 (Brown, Gray, Green)	250	1000	202	0.670
MC Lite Luminary® Stranded (16-2 Solid)						
18SF-42-500	18SF-60-500	16-2 (1TPJ) (Purple, Gray) 12-2 (Black, White, Green)	250	1000	159	0.641
18SF-42-501	18SF-60-501	16-2 (1TPJ) (Purple, Gray) 12-2 (Brown, Gray, Green)	250	1000	159	0.641
18SI-42-500	18SI-60-500	16-2 (1TPJ) (Purple, Gray) 12-3 (Black, Red, White, Green)	250	1000	188	0.666
18SI-42-501	18SI-60-501	16-2 (1TPJ) (Purple, Gray) 12-3 (Brown, Orange, Gray, Green)	250	1000	188	0.666

Other custom constructions available subject to minimums and manufacturing lead-times; contact your AFC Representative for more information.

MC Lite Luminary Cable® is intended for use in non shielded applications