

AFC CABLE SYSTEMS UL LISTED TYPE MC-PCS* MC LUMINARY CABLE™



MC Luminary Cable™ (U.S. Patent Pending)

UL Listed Type MC-PCS*

Lighting and low voltage circuits in one cable

***For use with LED and Fluorescent dimming and
SMART Buildings***

Get more info at afcweb.com

DESCRIPTION

- Armor: Galvanized Interlocking Steel Strip (blue armor) or Interlocking Aluminum Strip
- Solid or Stranded Copper Conductors
- Insulated Conductor Type THHN or TFN
- Neutral Conductor: White or Gray
- Control Cables: 16 AWG Solid TFN Twisted jacketed pair (Purple/Gray)
- Permits conductors of control circuits to be placed in a cable with conductors of electric light, power, or Class 1 circuits
- May be surface mounted, fished and/or embedded in plaster
- Up to 30% labor and installation costs

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
- 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, R 14141
- 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)*
- Made in USA of US and/or imported materials

MC LUMINARY CABLE™

UL LISTED TYPE MC-PCS*

MC Tuff Luminary Cable™



- Green Ground
- Copper Conductors
- Twisted Jacketed Pair



MC Lite Luminary Cable™



- Green Ground
- Stranded Copper Conductors
- Twisted Jacketed Pair
- Green Ground
- Copper Conductors
- Twisted Jacketed Pair



MC LUMINARY SPECIFICATIONS

PRODUCT CODE		TRADE SIZE	LENGTH (FT)		APPROXIMATE WEIGHT LBS/1,000FT	APPROXIMATE ARMOR O.D. INCHES
COIL	REEL		COIL	REEL		

MC TUFF LUMINARY SOLID

18BEB42T500	18BEB60T500	16-2 (1TPJ) Purple, Gray 12-2 Black, White, Green	250	1000	237.7	0.626
18BEB42T504	18BEB60T504	16-2 (1TPJ) Purple, Gray 12-2 Red, White, Green	250	1000	237.7	0.626
18BEB42T505	18BEB60T505	16-2 (1TPJ) Purple, Gray 12-2 Blue, White, Green	250	1000	237.7	0.626
18BEB42T501	18BEB60T501	16-2 (1TPJ) Purple, Gray 12-2 Brown, Gray, Green	250	1000	237.7	0.626
18BEB42T502	18BEB60T502	16-2 (1TPJ) Purple, Gray 12-2 Orange, Gray, Green	250	1000	237.7	0.626
18BEB42T503	18BEB60T503	16-2 (1TPJ) Purple, Gray 12-2 Yellow, Gray, Green	250	1000	237.7	0.626
18BMB42T500	18BMB60T500	16-2 (1TPJ) Purple, Gray 12-3 Black, Red, White, Green	250	1000	268.6	0.653
18BMB42T501	18BMB60T501	16-2 (1TPJ) Purple, Gray 12-3 Brown, Orange, Gray, Green	250	1000	268.6	0.653
18BKB42T500	18BKB60T500	16-2 (1TPJ) Purple, Gray 10-2 Black, White, Green	250	1000	291.4	0.670
18BKB42T501	18BKB60T501	16-2 (1TPJ) Purple, Gray 10-2 Brown, Gray, Green	250	1000	291.4	0.670

MC LITE LUMINARY SOLID

18BF-42-500	18BF-60-500	16-2 (1TPJ) Purple, Gray 12-2 Black, White, Green	250	1000	156.3	0.626
18BF-42-504	18BF-60-504	16-2 (1TPJ) Purple, Gray 12-2 Red, White, Green	250	1000	156.3	0.626
18BF-42-505	18BF-60-505	16-2 (1TPJ) Purple, Gray 12-2 Blue, White, Green	250	1000	156.3	0.626
18BF-42-501	18BF-60-501	16-2 (1TPJ) Purple, Gray 12-2 Brown, Gray, Green	250	1000	156.3	0.626
18BF-42-502	18BF-60-502	16-2 (1TPJ) Purple, Gray 12-2 Orange, Gray, Green	250	1000	156.3	0.626
18BF-42-503	18BF-60-503	16-2 (1TPJ) Purple, Gray 12-2 Yellow, Gray, Green	250	1000	156.3	0.626
18BG-42-500	18BG-60-500	16-2 (1TPJ) Purple, Gray 12-3 Black, Red, White, Green	250	1000	182.6	0.653
18BG-42-501	18BG-60-501	16-2 (1TPJ) Purple, Gray 12-3 Brown, Orange, Gray, Green	250	1000	182.6	0.653
18BH-42-500	18BH-60-500	16-2 (1TPJ) Purple, Gray 10-2 Black, White, Green	250	1000	201.7	0.670
18BH-42-501	18BH-60-501	16-2 (1TPJ) Purple, Gray 10-2 Brown, Gray, Green	250	1000	201.7	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	159.2	0.641
18SF-42-501	18SF-60-501	16-2 (1TPJ) Purple, Gray 12-2 Brown, Gray, Green	250	1000	159.2	0.641
18SI-42-500	18SI-60-500	16-2 (1TPJ) Purple, Gray 12-3 Black, Red, White, Green	250	1000	187.9	0.666
18SI-42-501	18SI-60-501	16-2 (1TPJ) Purple, Gray 12-3 Brown, Orange, Gray, Green	250	1000	187.9	0.666

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

*All cables manufactured after Jan 1, 2015

