

# 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](http://afcweb.com)

## DESCRIPTION

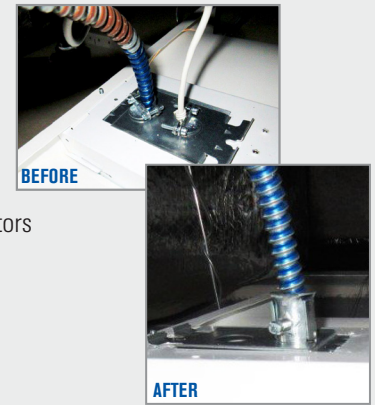
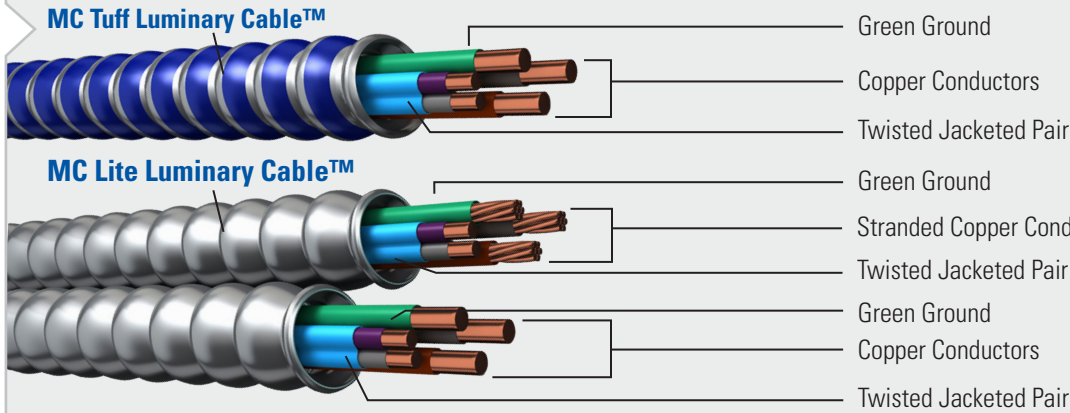
- Armor: Galvanized Interlocking Steel Strip (blue armor) or Interlocking Aluminum Strip
- Solid or Stranded Copper Conductors
- Insulated Conductor Type THHN or TFN
- Neutral Conductor: White or Gray
- Control Cables: 16 AWG Solid TFN Twisted jacketed pair (Purple/Gray)
- Permits conductors of control 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 LUMINARY SPECIFICATIONS

| PRODUCT CODE                                  |             | TRADE SIZE   | LENGTH (FT) |      | APPROXIMATE WEIGHT | APPROXIMATE ARMOR O.D. |
|---|-------------|--|-------------|------|--------------------|------------------------|
| COIL  | REEL        |  | COIL        | REEL | LBS/1,000FT        | INCHES                 |
| <b>MC TUFF LUMINARY SOLID</b>                 |             |  |             |      |                    |                        |
| 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                  |
| <b>MC LITE LUMINARY SOLID</b>                 |             |  |             |      |                    |                        |
| 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                  |
| <b>MC LITE LUMINARY STRANDED (16-2 SOLID)</b> |             |  |             |      |                    |                        |
| 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.

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\*All cables manufactured after Jan 1, 2015



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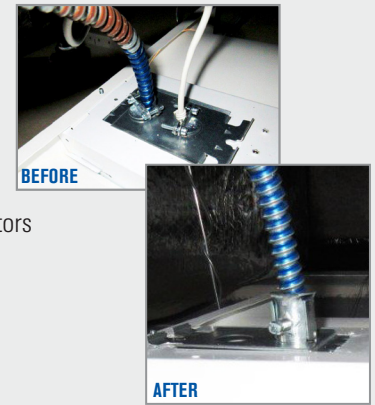
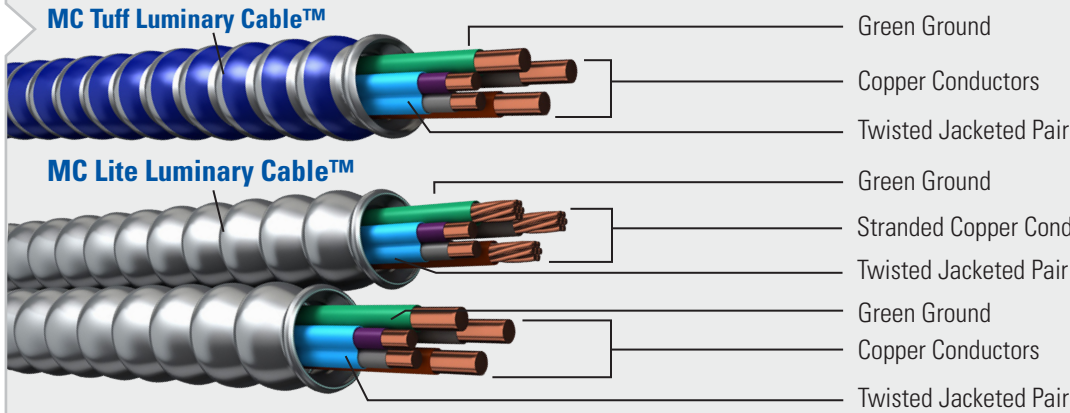
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| 18BEB42T505                                   | 18BEB60T505 | 16-2 (1TPJ) Purple, Gray 12-2 Blue, White, Green         | 250         | 1000 | 237.7              | 0.626                  |
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| 18BMB42T500                                   | 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                  |
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| 18BKB42T501                                   | 18BKB60T501 | 16-2 (1TPJ) Purple, Gray 10-2 Brown, Gray, Green         | 250         | 1000 | 291.4              | 0.670                  |
| <b>MC LITE LUMINARY SOLID</b>                 |             |  |             |      |                    |                        |
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