

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

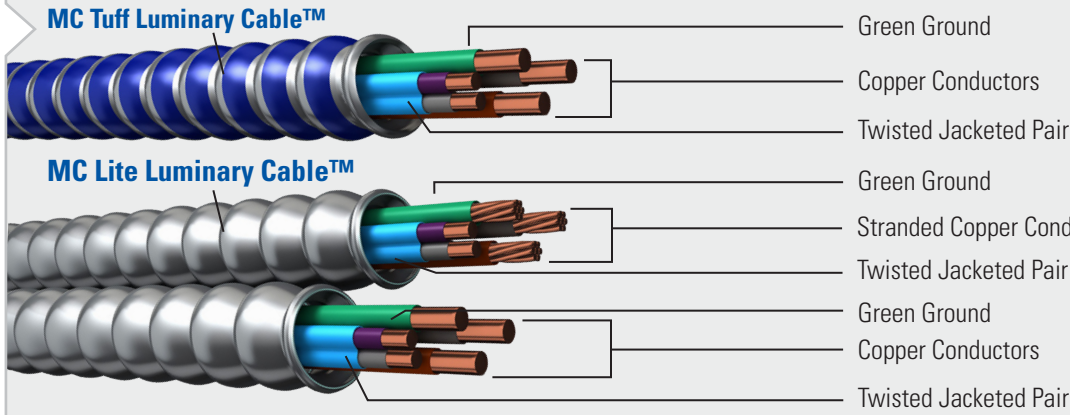
- Armor: Galvanized Interlocking Steel Strip (blue armor) or Interlocking Aluminum Strip
- Solid or Stranded Copper Conductors
- Insulated Conductor Type THHN or TFN
- Neutral Conductor: White or Gray
- Control Cables: 16 AWG Solid TFN Twisted jacketed pair (Purple/Gray)
- Permits conductors of control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



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

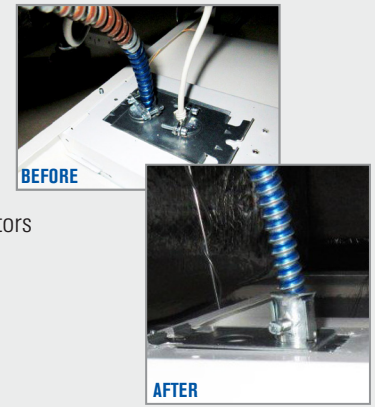
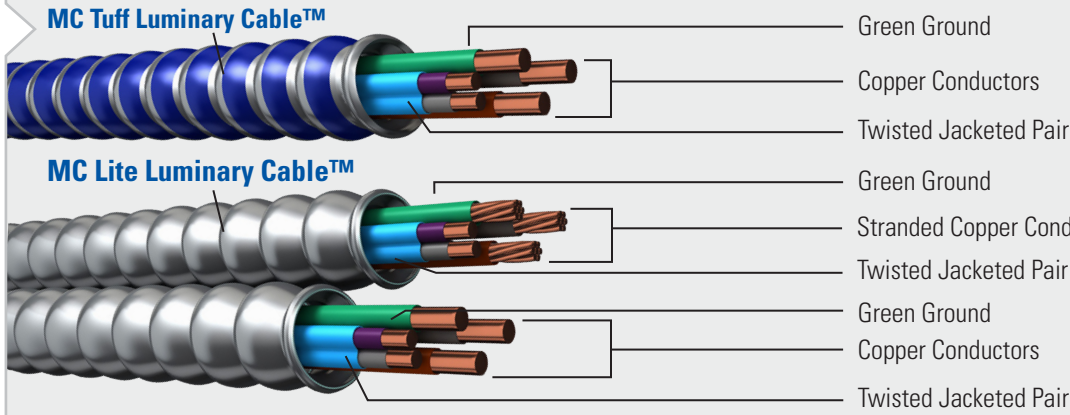
- Armor: Galvanized Interlocking Steel Strip (blue armor) or Interlocking Aluminum Strip
- Solid or Stranded Copper Conductors
- Insulated Conductor Type THHN or TFN
- Neutral Conductor: White or Gray
- Control Cables: 16 AWG Solid TFN Twisted jacketed pair (Purple/Gray)
- Permits conductors of control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

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

