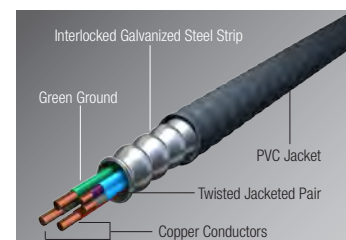


# MC Luminary® PVC Jacketed Cable (U.S. Patent Pending)

## UL Listed Type MC-PCS (Steel) Technical Specifications



**Armor**

Interlocked Galvanized Steel Strip with Charcoal Gray PVC Jacket

**Conductors**

Solid Copper

**Conductor Insulation**

THHN/THWN (Power)

TFN (Control Cable)

**Assembly Covering**

Polypropylene Tape

**Maximum Temperature Rating**

90°C (Dry), 75°C (Wet)

**Grounding**

Insulated Green Copper Grounding Conductor

**Neutral Conductor**

White 120/208V

Gray 277/480V

**Maximum Voltage Rating**

600V

**References & Ratings**

- UL 66, 83, 1569, 1581, 2556, File Reference E80042
- NEC® 250.118, 392, 396, 330, 501, 502, 503, 530, 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
- Save up to 30% labor and installation costs
- 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                           |             | Trade Size  | Length (ft) |      | Approx. Weight/<br>1,000ft (lbs) | Approx. Armor O.D.<br>(in) | Approx. Over Jacket O.D.<br>(in) |
|--|-------------|---|-------------|------|----------------------------------|----------------------------|----------------------------------|
| Coil                                   | Reel        |   | Coil        | Reel |                                  |                            |                                  |
| <b>MC Luminary® PVC Jacketed Cable</b> |             |   |             |      |                                  |                            |                                  |
| LJ04-42-500                            | LJ04-60-500 | 16-2 BLUE JACKET (1TPJ) (Purple, Gray) 12-2 (Black, White, Green)*      | 250         | 1000 | 345                              | 0.623                      | 0.723                            |
| LJ04-42-501                            | LJ04-60-501 | 16-2 BLUE JACKET (1TPJ) (Purple, Gray) 12-2 (Brown, Gray, Green)*       | 250         | 1000 | 34                               | 0.623                      | 0.723                            |
| LJ04-42-502                            | LJ04-60-502 | 16-2 BLUE JACKET (1TPJ) (Purple, Gray) 12-2 (Orange, Gray, Green)*      | 250         | 1000 | 34                               | 0.623                      | 0.723                            |
| LJ04-42-503                            | LJ04-60-503 | 16-2 BLUE JACKET (1TPJ) (Purple, Gray) 12-2 (Yellow, Gray, Green)*      | 250         | 1000 | 34                               | 0.623                      | 0.723                            |
| LJ04-42-504                            | LJ04-60-504 | 16-2 BLUE JACKET (1TPJ) (Purple, Gray) 12-2 (Red, White, Green)*        | 250         | 1000 | 34                               | 0.623                      | 0.723                            |
| LJ04-42-505                            | LJ04-60-505 | 16-2 BLUE JACKET (1TPJ) (Purple, Gray) 12-2 (Blue, White, Green)*       | 250         | 1000 | 34                               | 0.623                      | 0.723                            |
| LJ05-42-500                            | LJ05-60-500 | 16-2 BLUE JACKET (1TPJ) (Purple, Gray) 12-3 (Black, Red, White, Green)  | 250         | 1000 | 381                              | 0.650                      | 0.750                            |
| LJ05-42-501                            | LJ05-60-501 | 16-2 BLUE JACKET (1TPJ) (Purple, Gray) 12-3 (Brown, Orange, Gray Green) | 250         | 1000 | 381                              | 0.650                      | 0.750                            |
| LJ07-42-500                            | LJ07-60-500 | 16-2 BLUE JACKET (1TPJ) (Purple, Gray) 10-2 (Black, White, Green)*      | 250         | 1000 | 407                              | 0.667                      | 0.767                            |
| LJ07-42-501                            | LJ07-60-501 | 16-2 BLUE JACKET (1TPJ) (Purple, Gray) 10-2 (Brown, Gray, Green)*       | 250         | 1000 | 407                              | 0.667                      | 0.767                            |

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

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

\*Made to order, subject to minimums and lead times