MC Luminary HCF™ Lite Cable (U.S. Patent Pending)
UL Listed Type MC-PCS Healthcare Facilities (Aluminum)

**Armor**
Interlocked Aluminum Strip (Light Green Striped)

**Conductors**
Solid/Stranded Copper

**Conductor Insulation**
THHN + Protective Polypropylene Covering (Power)
TFN (Control)

**Maximum Temperature Rating**
90°C (Dry)

**Grounding**
Two Grounding Means - (1) Combined Armor and Full-Sized Aluminum Ground Conductor per NEC® 250.118(10)(b), (2) Full-Sized Green Insulated Copper Grounding Conductor per NEC® 250.118(1)

**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® 330, 250.118, 300.22(C), 392, 396, 330, 501, 502, 503, 530, 504, 505, 517, 518, 520, 530, 645, 690.31(E), 725
- Permits conductors of control circuits to be placed in a cable with conductors of electric light, power, or Class 1 circuits
- 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)
- Made in USA of US and/or imported materials
- U.S. Patent No. 8,088,997 & Patent Pending

### Product Specifications

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Trade Size</th>
<th>Copper Conductor Type</th>
<th>Grounding Conductor AWG Color</th>
<th>Bare Alum. Bonding/ Bond Cond. AWG</th>
<th>Length (ft) Approx. Weight/ 1,000ft (lbs)</th>
<th>Approx. Armor O.D. (in)</th>
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<tbody>
<tr>
<td>LH04-42-500</td>
<td>LH04-60-500</td>
<td>16-2 (TPJ) (Purple, Gray) 12-2 (Black, White)</td>
<td>Solid 12 (Green)</td>
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<td>LH04-60-501</td>
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<td>LH04-60-502</td>
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<td>LH05-60-500</td>
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<td>16-2 (TPJ) (Purple, Gray) 10-2 (Brown, Gray)*</td>
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**MC Luminary HCF™ Lite Cable - Stranded**

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<th>Product Code</th>
<th>Trade Size</th>
<th>Copper Conductor Type</th>
<th>Grounding Conductor AWG Color</th>
<th>Length (ft) Approx. Weight/ 1,000ft (lbs)</th>
<th>Approx. Armor O.D. (in)</th>
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</table>

*Use with fitting listed and marked for use with MCI-A

*Other custom constructions available, also available with steel armor; 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

* Subject to minimums and manufacturing lead times