

# 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)

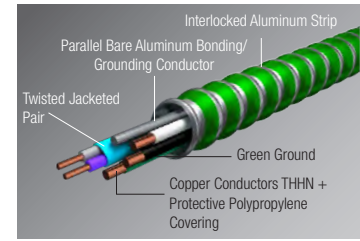
**Neutral Conductor**

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
- 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, 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(l)(1)
- Made in USA of US and/or imported materials
- U.S. Patent No. 8,088,997 & Patent Pending

Product Code		Trade Size	Copper Conductor Type	Grounding Conductor AWG Color	Bare Alum. Bonding/ Bond Cond. AWG	Length (ft)		Approx. Weight/ 1,000ft (lbs)	Approx. Armor O.D. (in)
Coil	Reel					Coil	Reel		
<b>MC Luminary HCF™ Lite Cable - Solid</b>									
LH04-42-500	LH04-60-500	16-2 (1TPJ) (Purple, Gray) 12-2 (Black, White)	Solid	12 (Green)	10	250	1000	197	0.708
LH04-42-504	LH04-60-504	16-2 (1TPJ) (Purple, Gray) 12-2 (Red, White)*	Solid	12 (Green)	10	250	1000	197	0.708
LH04-42-505	LH04-60-505	16-2 (1TPJ) (Purple, Gray) 12-2 (Blue, White)*	Solid	12 (Green)	10	250	1000	197	0.708
LH04-42-501	LH04-60-501	16-2 (1TPJ) (Purple, Gray) 12-2 (Brown, Gray)	Solid	12 (Green)	10	250	1000	197	0.708
LH04-42-502	LH04-60-502	16-2 (1TPJ) (Purple, Gray) 12-2 (Orange, Gray)*	Solid	12 (Green)	10	250	1000	197	0.708
LH04-42-503	LH04-60-503	16-2 (1TPJ) (Purple, Gray) 12-2 (Yellow, Gray)*	Solid	12 (Green)	10	250	1000	197	0.708
LH05-42-500	LH05-60-500	16-2 (1TPJ) (Purple, Gray) 12-3 (Black, Red, White)	Solid	12 (Green)	10	250	1000	227	0.751
LH05-42-501	LH05-60-501	16-2 (1TPJ) (Purple, Gray) 12-3 (Brown, Orange, Gray)*	Solid	12 (Green)	10	250	1000	227	0.751
LH07-42-500	LH07-60-500	16-2 (1TPJ) (Purple, Gray) 10-2 (Black, White)	Solid	10 (Green)	8	250	1000	256	0.758
LH07-42-501	LH07-60-501	16-2 (1TPJ) (Purple, Gray) 10-2 (Brown, Gray)*	Solid	10 (Green)	8	250	1000	256	0.758
<b>MC Luminary HCF™ Lite Cable - Stranded</b>									
LH58-42-500	LH58-60-500	16-2 (1TPJ) (Purple, Gray) 12-2 (Black, White)	Stranded	12 (Green)	10	250	1000	202	0.725

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 Kaf-Tech Representative for more information.

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

\* Subject to minimums and manufacturing lead times