



MC LUMINARY HCF LITE CABLE

Type MC-PCS Health Care Facilities (Aluminum)

U.S. Patent No. 8,088,997 & U.S. Patent No. 10,431,353

Armor

Interlocked Aluminum Strip (Light green)

Conductors

Solid/Stranded Copper

Conductor Insulation

THHN + Protective Polypropylene Cover (Power)

TFN (Control)

Maximum Temperature Rating

90°C (Dry)

Grounding

Two grounding means -

(1) Combined armor and full-sized aluminum ground conductor NEC® 250.118(10)(b)

(2) Full-sized green insulated copper grounding conductor

Neutral Conductor

White 120/208V, Gray 277/480V

Control Cables

16 AWG Solid TFN Twisted Pink Jacketed Pair (Purple/Pink)

Maximum Voltage Rating

600V

Reference & Rating

- UL 66, 83, 1479, 1569, 1581, 2556, File Reference E80042
- NEC® 250.118, 300.22(C), 330, 392, 396, 501, 502, 503, 504, 505, 517, 518, 520, 530, 645, 690.31(G) Solar Photo Voltaic applications, 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
- NEC® 300.22(C) other spaces used for environmental air (plenums)
- 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



Product Code		Trade Size	Grounding Conductor AWG	Bare Alum. Bonding/ Bond Cond. Awg	Approx. Weight Lbs/1,000ft	Approx. Armor O.D. (in)
250' Reels	1000' Reels					
Solid						
LH04-42-L00	LH04-60-L00	16-2 (TPJ) (Purple, Pink) 12-2 (Black, White)	12-1 (Green)	10	197	0.708
LH04-42-L01	LH04-60-L01	16-2 (TPJ) (Purple, Pink) 12-2 (Brown, Gray)	12-1 (Green)	10	197	0.708
LH04-42-L02	LH04-60-L02	16-2 (TPJ) (Purple, Pink) 12-2 (Orange, Gray)	12-1 (Green)	10	197	0.708
LH04-42-L03	LH04-60-L03*	16-2 (TPJ) (Purple, Pink) 12-2 (Yellow, Gray)	12-1 (Green)	10	197	0.708
LH04-42-L04*	LH04-60-L04*	16-2 (TPJ) (Purple, Pink) 12-2 (Red, White)	12-1 (Green)	10	197	0.708
LH04-42-L05*	LH04-60-L05*	16-2 (TPJ) (Purple, Pink) 12-2 (Blue, White)	12-1 (Green)	10	197	0.708
LH05-42-L00	LH05-60-L00	16-2 (TPJ) (Purple, Pink) 12-3 (Black, Red, White)	12-1 (Green)	10	227	0.751
LH05-42-L01	LH05-60-L01*	16-2 (TPJ) (Purple, Pink) 12-3 (Brown, Orange, Gray)	12-1 (Green)	10	227	0.751
LH07-42-L00*	LH07-60-L00*	16-2 (TPJ) (Purple, Pink) 10-2 (Black, White)	10-1 (Green)	8	256	0.758
LH07-42-L01*	LH07-60-L01*	16-2 (TPJ) (Purple, Pink) 10-2 (Brown, Gray)	10-1 (Green)	8	256	0.758
Stranded (16-2 Solid)						
LH58-42-L00	LH58-60-L00*	16-2 (TPJ) (Purple, Pink) 12-2 (Black, White)	12-1 (Green)	10	202.4	0.725
LH58-42-L01*	LH58-60-L01*	16-2 (TPJ) (Purple, Pink) 12-2 (Brown, Gray)	12-1 (Green)	10	202.4	0.725

All dimensions and weights are subject to normal manufacturing tolerances.
 Also available with Steel armor. Other conductor colors available by special order.
 *Non-stock items require lead time and minimum quantity order.
 MC Luminary Cable is intended for use in non-shielded applications

