



MC LITE LUMINARY CABLE

Type MC-PCS

U.S. Patent No. 10,431,353

Armor

Interlocked Aluminum Strip (Plain)

Conductors

Solid/Stranded Copper

Conductor Insulation

THHN (Power)

TFN (Control)

Maximum Temperature Rating

90°C (Dry)

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(I), 300.22(C), 330, 392, 396, 501, 502, 503, 504, 505, 518, 520, 530, 645, 725.136(I)(1)
- 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)
- May be surface mounted, fished and/or embedded in plaster
- Made in USA of US and/or imported materials

Product Code		Trade Size	Grounding Conductor AWG	Approx. Weight lbs/1,000ft	Approx. Armor O.D. (in)
250' Reels	1000' Reels				
Solid					
18BG-42-L00	18BG-60-L00	16-2 (TPJ) (Purple, Pink) 12-3 (Black, Red, White)	12-1 (Green)	183	0.653
18BG-42-L01	18BG-60-L01	16-2 (TPJ) (Purple, Pink) 12-3 (Brown, Orange, Gray)	12-1 (Green)	183	0.653
18BH-42-L00	18BH-60-L00	16-2 (TPJ) (Purple, Pink) 10-2 (Black, White)	10-1 (Green)	202	0.670
18BH-42-L01	18BH-60-L01	16-2 (TPJ) (Purple, Pink) 10-2 (Brown, Gray)	10-1 (Green)	202	0.670
Stranded (16-2 Solid)					
18SI-42-L00	18SI-60-L00	16-2 (TPJ) (Purple, Pink) 12-3 (Black, Red, White)	12-1 (Green)	188	0.666
18SI-42-L01	18SI-60-L01*	16-2 (TPJ) (Purple, Pink) 12-3 (Brown, Orange, Gray)	12-1 (Green)	188	0.666

All dimensions and weights are subject to normal manufacturing tolerances.

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

