



# MC LUMINARY QUIK CABLE

Type MC-PCS

## U.S. Patent No. 8,088,997

### Armor

Interlocked Aluminum Strip (Plain)

### Conductors

Solid/Stranded Copper

### Conductor Insulation

THHN with protective polypropylene covering on each insulated conductor (Power)

TFN (Control)

### Maximum Temperature Rating

90°C (Dry) Rating

### 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, 83,1569, 1581, 2556, File Reference E80042
- NEC® 230.43, 250.118, 300.22(C), 330, 392, 396, 501, 502, 503, 518, 520, 530, 645, 690.31(G) Solar Photo voltaic applications, 725
- Federal spec A-A-59544 (formerly J-C-30B)
- Meets all applicable OSHA and HUD requirements
- May be surface mounted, fished and/or embedded in plaster
- UL® Classified 1, 2, and 3 hour through (Fire) penetration product, R-14141
- NEC® 300.22(C) other spaces used for environmental air (plenums)
- 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	Bare Alum. Bonding/ Bond Cond. AWG	Approx. Weight lbs/1,000ft	Approx. Amor O.D. (in)
250' Reels	1000' Reels				
<b>Solid</b>					
MC04-42-L00	MC04-60-L00*	16-2 (TPJ) (Purple, Pink) 12-2 (Black, White)	10	160	0.686
MC04-42-L01	MC04-60-L01	16-2 (TPJ) (Purple, Pink) 12-2 (Brown, Gray)	10	160	0.686
MC04-42-L02*	MC04-60-L02*	16-2 (TPJ) (Purple, Pink) 12-2 (Orange, Gray)	10	160	0.686
MC04-42-L03*	MC04-60-L03*	16-2 (TPJ) (Purple, Pink) 12-2 (Yellow, Gray)	10	160	0.686
MC04-42-L04*	MC04-60-L04*	16-2 (TPJ) (Purple, Pink) 12-2 (Red, White)	10	160	0.686
MC04-42-L05*	MC04-60-L05*	16-2 (TPJ) (Purple, Pink) 12-2 (Blue, White)	10	160	0.686
MC05-42-L00	MC05-60-L00*	16-2 (TPJ) (Purple, Pink) 12-3 (Black, Red, White)	10	190	0.708
MC05-42-L01*	MC05-60-L01*	16-2 (TPJ) (Purple, Pink) 12-3 (Brown, Orange, Gray)	10	190	0.708
<b>Stranded (16-2 Solid)</b>					
MC58-42-L00	MC58-42-L00*	16-2 (TPJ) (Purple, Pink) 12-2 (Black, White)	10	171	0.699
MC58-42-L01	MC58-42-L01*	16-2 (TPJ) (Purple, Pink) 12-2 (Brown, Gray)	10	171	0.699
MC59-42-L00*	MC59-60-L00*	16-2 (TPJ) (Purple, Pink) 12-3 (Black, Red, White)	10	202	0.725
MC59-42-L01*	MC59-60-L01*	16-2 (TPJ) (Purple, Pink) 12-3 (Brown, Orange, Gray)	10	202	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

