

# MC LUMINARY® QUIK LITE \*U.S. Patent No. 8,088,997 & Patent Pending **\*NEW!\***

Type MC-PCS

## ARMOR

Interlocking Aluminum Strip (Plain armor)

## 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

## GROUNDING

One grounding means – armor PLUS full-sized aluminum ground/bond conductor NEC® 250.118(10)(b)

## NEUTRAL CONDUCTOR

White 120/208V

Gray 277/480V

## CONTROL CABLE

16 AWG Solid TFN Twisted Blue jacketed pair (Purple, Gray)

## MAXIMUM VOLTAGE RATING

600V



## REFERENCES & RATINGS

- UL® 66, 83, 1569, 1581, 2556, File Reference E80042
- NEC® 330, 300.22(C), 230.43, 250.118, 392, 396, 501, 502, 503, 530, 518, 520, 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) Environmental Air Handling Spaces
- Cable Tray Rated, install per NEC®

PRODUCT CODE		TRADE SIZE	LENGTH (FT)		APPROX. WEIGHT lbs/1,000ft	APPROX. ARMOR O.D. inches
Coil	Reel		Coil	Reel		
<b>SOLID</b>						
MC04-42-500	MC04-60-500	16-2 (1 TPJ) Purple, Gray 12-2 Black, White	250	1000	160	0.686
MC04-42-504*	MC04-60-504*	16-2 (1 TPJ) Purple, Gray 12-2 Red, White	250	1000	160	0.686
MC04-42-505*	MC04-60-505*	16-2 (1 TPJ) Purple, Gray 12-2 Blue, White	250	1000	160	0.686
MC04-42-501	MC04-60-501	16-2 (1 TPJ) Purple, Gray 12-2 Brown, Gray	250	1000	160	0.686
MC04-42-502*	MC04-60-502*	16-2 (1 TPJ) Purple, Gray 12-2 Orange, Gray	250	1000	160	0.686
MC04-42-503*	MC04-60-503*	16-2 (1 TPJ) Purple, Gray 12-2 Yellow, Gray	250	1000	160	0.686
MC05-42-500	MC05-60-500	16-2 (1 TPJ) Purple, Gray 12-3 Black, Red, White	250	1000	190	0.708
MC05-42-501	MC05-60-501	16-2 (1 TPJ) Purple, Gray 12-3 Brown, Orange, Gray	250	1000	190	0.708
<b>STRANDED</b>						
MC58-42-500	MC58-42-500	16-2 (1 TPJ) Purple, Gray 12-2 Black, White	250	1000	171	0.699
MC58-42-501	MC58-42-501	16-2 (1 TPJ) Purple, Gray 12-2 Brown, Gray	250	1000	171	0.699
MC59-42-500	MC59-60-500	16-2 (1 TPJ) Purple, Gray 12-3 Black, Red, White	250	1000	202	0.725
MC59-42-501	MC59-60-501	16-2 (1 TPJ) Purple, Gray 12-3 Brown, Orange, Gray	250	1000	202	0.725

\*Made to order, subject to minimums and lead times  
MC Luminary® Quik in Galvanized Steel available upon request.