



MC LUMINARY PVC JACKETED CABLE

Type MC-PCS

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

Armor

Galvanized Interlocked Steel Strip with PVC jacket

Jacket Color

Charcoal Gray

Conductors

Solid Copper

Conductor Insulation

THHN/THWN (Power)

TFN (Control)

Maximum Temperature Rating

90°C (Dry);75°C (Wet)

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® 250.118, 330, 392, 396, 501, 502, 503, 504, 505, 518, 520, 530, 645, 725
- UL listed for direct burial in earth or concrete encasement
- Listed for -40°C low temperature use
- UL1569, 70,000 BTU and FT4 vertical tray flame listed
- Sunlight and oil resistant with direct plow-in capability
- Federal Specification A-A-59544 (formerly J-C-30B)
- Meets all applicable OSHA and HUD Requirements
- Cable Tray Rated, install per NEC®
- Power and/or lighting as well as signal and/or control conductors per NEC® Section 725.136(1)(1)
- Made in USA of US and/or imported materials

Product Code		PVC Jacket Color	Trade Size	Grounding Conductor AWG	Approx. Weight lbs/1,000ft	Approx. Armor O.D. (in)	Approx. Over Jacket O.D. (in)
250' Reels	1000' Reels						
Solid							
LJ04-42-L00	LJ04-60-L00	Charcoal Gray	16-2 (TPJ) (Purple, Pink) 12-2 (Black, White)	12-1 (Green)	345	0.623	0.723
LJ04-42-L01	LJ04-60-L01	Charcoal Gray	16-2 (TPJ) (Purple, Pink) 12-2 (Brown, Gray)	12-1 (Green)	345	0.623	0.723
LJ04-42-L02*	LJ04-60-L02*	Charcoal Gray	16-2 (TPJ) (Purple, Pink) 12-2 (Orange, Gray)	12-1 (Green)	345	0.623	0.723
LJ04-42-L03*	LJ04-60-L03*	Charcoal Gray	16-2 (TPJ) (Purple, Pink) 12-2 (Yellow, Gray)	12-1 (Green)	345	0.623	0.723
LJ04-42-L04*	LJ04-60-L04*	Charcoal Gray	16-2 (TPJ) (Purple, Pink) 12-2 (Red, White)	12-1 (Green)	345	0.623	0.723
LJ04-42-L05*	LJ04-60-L05*	Charcoal Gray	16-2 (TPJ) (Purple, Pink) 12-2 (Blue, White)	12-1 (Green)	345	0.623	0.723
LJ05-42-L00*	LJ05-60-L00*	Charcoal Gray	16-2 (TPJ) (Purple, Pink) 12-3 (Black, Red, White)	12-1 (Green)	381	0.650	0.750
LJ05-42-L01*	LJ05-60-L01*	Charcoal Gray	16-2 (TPJ) (Purple, Pink) 12-3 (Brown, Orange, Gray)	12-1 (Green)	381	0.650	0.750
LJ07-42-L00*	LJ07-60-L00*	Charcoal Gray	16-2 (TPJ) (Purple, Pink) 10-2 (Black, White)	10-1 (Green)	407	0.667	0.767
LJ07-42-L01*	LJ07-60-L01*	Charcoal Gray	16-2 (TPJ) (Purple, Pink) 10-2 (Brown, Gray)	10-1 (Green)	407	0.667	0.767

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

Recommend Atkore Fittings

Atkore-596-U Uninsulated Trade Size 1/2"

Atkore-596-I Insulated Trade Size 1/2"

