

MC Luminary® PVC Jacketed Cable (U.S. Patent Pending)

UL Listed Type MC-PCS (Steel) Technical Specifications

Armor

Interlocked Galvanized Steel Strip with Charcoal Gray PVC Jacket

Conductors

Solid Copper

Conductor Insulation

THHN/THWN (Power)

TFN (Control Cable)

Assembly Covering

Polypropylene Tape

Maximum Temperature Rating

90°C (Dry), 75°C (Wet)

Grounding

Insulated Green Copper Grounding Conductor

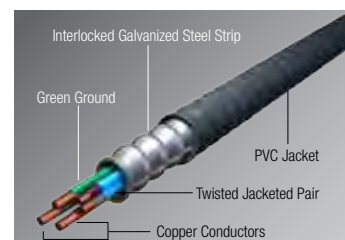
Neutral Conductor

White 120/208V

Gray 277/480V

Maximum Voltage Rating

600V



References & Ratings

- UL 66, 83, 1569, 1581, 2556, File Reference E80042
- NEC® 250.118, 392, 396, 330, 501, 502, 503, 530, 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
- Save up to 30% labor and installation costs
- 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(I)(1)
- Made in USA of US and/or imported materials

Product Code		Trade Size	Length (ft)		Approx. Weight/ 1,000ft (lbs)	Approx. Armor O.D. (in)	Approx. Over Jacket O.D. (in)
Coil	Reel		Coil	Reel			
MC Luminary® PVC Jacketed Cable							
LJ04-42-500	LJ04-60-500	16-2 BLUE JACKET (1TPJ) (Purple, Gray) 12-2 (Black, White, Green)*	250	1000	345	0.623	0.723
LJ04-42-501	LJ04-60-501	16-2 BLUE JACKET (1TPJ) (Purple, Gray) 12-2 (Brown, Gray, Green)*	250	1000	34	0.623	0.723
LJ04-42-502	LJ04-60-502	16-2 BLUE JACKET (1TPJ) (Purple, Gray) 12-2 (Orange, Gray, Green)*	250	1000	34	0.623	0.723
LJ04-42-503	LJ04-60-503	16-2 BLUE JACKET (1TPJ) (Purple, Gray) 12-2 (Yellow, Gray, Green)*	250	1000	34	0.623	0.723
LJ04-42-504	LJ04-60-504	16-2 BLUE JACKET (1TPJ) (Purple, Gray) 12-2 (Red, White, Green)*	250	1000	34	0.623	0.723
LJ04-42-505	LJ04-60-505	16-2 BLUE JACKET (1TPJ) (Purple, Gray) 12-2 (Blue, White, Green)*	250	1000	34	0.623	0.723
LJ05-42-500	LJ05-60-500	16-2 BLUE JACKET (1TPJ) (Purple, Gray) 12-3 (Black, Red, White, Green)	250	1000	381	0.650	0.750
LJ05-42-501	LJ05-60-501	16-2 BLUE JACKET (1TPJ) (Purple, Gray) 12-3 (Brown, Orange, Gray Green)	250	1000	381	0.650	0.750
LJ07-42-500	LJ07-60-500	16-2 BLUE JACKET (1TPJ) (Purple, Gray) 10-2 (Black, White, Green)*	250	1000	407	0.667	0.767
LJ07-42-501	LJ07-60-501	16-2 BLUE JACKET (1TPJ) (Purple, Gray) 10-2 (Brown, Gray, Green)*	250	1000	407	0.667	0.767

Other custom constructions available subject to minimums and manufacturing lead-times; contact your AFC Representative for more information.

MC Luminary Cable® is intended for use in non shielded applications

*Made to order, subject to minimums and lead times