

AFC CABLE SYSTEMS MC LUMINARY® PVC JACKETED CABLE



MC Luminary® PVC Jacketed Cable (U.S. Patent Pending) UL Listed Type MC-PCS

Lighting and low voltage circuits in one cable

***For use with LED and Fluorescent dimming systems
approved for outdoor and direct burial applications***

Get more info at afcweb.com

MC LUMINARY® PVC JACKETED CABLE

DESCRIPTION

- Interlocking Steel Strip with PVC jacket
- Jacket Color: Charcoal Gray
- Solid Copper Conductors
- Insulated Conductor Type THHN or TFN
- Neutral Conductor: White or Gray
- Control Cables: 16 AWG Solid TFN Twisted jacketed pair (Purple/Gray)
- Permits conductors of control circuits to be placed in a cable with conductors of electric light, power, or Class 1 circuits
- 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

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
- 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

UL LISTED TYPE MC-PCS

MC Luminary® PVC Jacketed Cable



PRODUCT CODE		TRADE SIZE	LENGTH (FT)		APPROXIMATE WEIGHT	APPROXIMATE ARMOR O.D.
COIL	REEL		COIL	REEL	LBS/1,000FT	INCHES
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	344.9	0.723
LJ04-42-501	LJ04-60-501	16-2 BLUE JACKET (1TPJ) Purple Gray 12-2 Brown Gray Green *	250	1000	344.9	0.723
LJ04-42-502	LJ04-60-502	16-2 BLUE JACKET (1TPJ) Purple Gray 12-2 Orange Gray Green **	250	1000	344.9	0.723
LJ04-42-503	LJ04-60-503	16-2 BLUE JACKET (1TPJ) Purple Gray 12-2 Yellow Gray Green **	250	1000	344.9	0.723
LJ04-42-504	LJ04-60-504	16-2 BLUE JACKET (1TPJ) Purple Gray 12-2 Red White Green **	250	1000	344.9	0.723
LJ04-42-505	LJ04-60-505	16-2 BLUE JACKET (1TPJ) Purple Gray 12-2 Blue White Green **	250	1000	344.9	0.723
LJ05-42-500	LJ05-60-500	16-2 BLUE JACKET (1TPJ) Purple Gray 12-3 Black Red White Green *	250	1000	381.3	0.750
LJ05-42-501	LJ05-60-501	16-2 BLUE JACKET (1TPJ) Purple Gray 12-3 Brown Orange Gray Green *	250	1000	381.3	0.750
LJ07-42-500	LJ07-60-500	16-2 BLUE JACKET (1TPJ) Purple Gray 10-2 Black White Green **	250	1000	407.3	0.767
LJ07-42-501	LJ07-60-501	16-2 BLUE JACKET (1TPJ) Purple Gray 10-2 Brown Gray Green **	250	1000	407.3	0.767

Note:
Recommend AFC Fittings
AFC-596-U Uninsulated Trade Size 1/2"
AFC-596-I Insulated Trade Size: 1/2"

* Stock item
** Made to order 5000' minimum



Site Lighting



Parking Garages