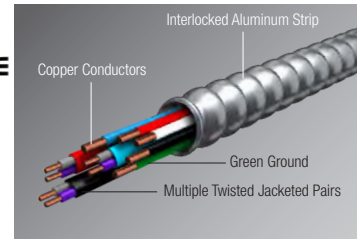


# MC Luminary Multizone™ Cable (U.S. Patent Pending)

## UL Listed Type MC-PCS Technical Specifications

**MC LUMINARY**  
**MultiZONE™ Lite**



MC CABLES

**Armor**

Interlocked Aluminum Strip

**Conductors**

Solid Copper

**Conductor Insulation**

THHN/THWN (Power)

TFN (Control Cable)

**Assembly Covering**

Polypropylene Tape

**Maximum Temperature Rating**

90°C (Dry)

**Grounding**

Insulated Green Copper Grounding Conductor

**Neutral Conductor**

White 120/208V

Gray 277/480V

**Maximum Voltage Rating**

600V

**References & Ratings**

- UL 66, 83, 1479, 1569, 1581, 2556, File Reference E80042
- NEC® 250.118, 300.22(C), 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®
- UL Classified 1, 2, and 3 hour through penetration (Fire Stop) product, R14141
- Environmental Air-Handling Space Installation per NEC® 300.22(C)
- 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		Control Cable	Trade Size	Neutral	Ground	Approx. Weight/ 1,000ft (lbs)	Approx. Armor O.D. (in)
Reels 250'	Reels 1,000'						
<b>MC Luminary® Multizone™ Cable</b>							
18LC-44-500	18LC-60-500	16-2 (Purple, Gray) 1 TPJ Black Jacket	12-2 Black	12-1 White	12-1 Green	241	0.795
		16-2 (Purple, Gray) 1 TPJ Red Jacket	12-2 Red				
18LC-44-501	18LC-60-501	16-2 (Purple, Gray) 1 TPJ Brown Jacket	12-2 Brown	12-1 Gray	12-1 Green	241	0.795
		16-2 (Purple, Gray) 1TPJ Orange Jacket	12-2 Orange				
18LD-44-500	18LD-60-500	16-2 (Purple, Gray) 1 TPJ Black Jacket	12-3 Black	12-1 White	12-1 Green	315	0.902
		16-2 (Purple, Gray) 1 TPJ Red Jacket	12-3 Red				
		16-2 (Purple, Gray) 1 TPJ Blue Jacket	12-3 Blue				
18LD-44-501	18LD-60-501	16-2 (Purple, Gray) 1 TPJ Brown Jacket	12-3 Brown	12-1 Gray	12-1 Green	315	0.902
		16-2 (Purple, Gray) 1TPJ Orange Jacket	12-3 Orange				
		16-2 (Purple, Gray) 1TPJ Yellow Jacket	12-3 Yellow				
18LP-44-500	18LP-60-500	16-2 (Purple, Gray) 1 TPJ Black Jacket	12-2 Black	12-2 White w/Black	12-1 Green	271	0.833
		16-2 (Purple, Gray) 1 TPJ Red Jacket	12-2 Red	12-2 White w/Red			
18LP-44-501	18LP-60-501	16-2 (Purple, Gray) 1 TPJ Brown Jacket	12-2 Brown	12-2 Gray w/Brown	12-1 Green	271	0.833
		16-2 (Purple, Gray) 1TPJ Orange Jacket	12-2 Orange	12-2 Gray w/Orange			
18LQ-44-500	18LQ-60-500	16-2 (Purple, Gray) 1 TPJ Black Jacket	12-3 Black	12-3 White w/Black	12-1 Green	347	0.942
		16-2 (Purple, Gray) 1 TPJ Red Jacket	12-3 Red	12-3 White w/Red			
		16-2 (Purple, Gray) 1 TPJ Blue Jacket	12-3 Blue	12-3 White w/Blue			
18LQ-44-501	18LQ-60-501	16-2 (Purple, Gray) 1 TPJ Brown Jacket	12-3 Brown	12-3 Gray w/Brown	12-1 Green	347	0.942
		16-2 (Purple, Gray) 1TPJ Orange Jacket	12-3 Orange	12-3 Gray w/Orange			
		16-2 (Purple, Gray) 1TPJ Yellow Jacket	12-3 Yellow	12-3 Gray w/Yellow			
18LS-44-500	18LS-60-500	16-2 (Purple, Gray) 1 TPJ Black Jacket	12-1 Black	12-1 White	12-1 Green	260	0.842
		16-2 (Purple, Gray) 1 TPJ Red Jacket					
		16-2 (Purple, Gray) 1 TPJ Blue Jacket					
18LS-44-501	18LS-60-501	16-2 (Purple, Gray) 1 TPJ Brown Jacket	12-1 Brown	12-1 Gray	12-1 Green	260	0.842
		16-2 (Purple, Gray) 1TPJ Orange Jacket					
		16-2 (Purple, Gray) 1TPJ Yellow Jacket					

Other custom constructions available, also available with steel armor, subject to minimums and manufacturing lead-times; contact your Kaf-Tech Representative for more information.  
MC Luminary Cable® is intended for use in non shielded applications