MC Luminary® PVC Jacketed

Interlocked Galvanized Steel Armor with Overall PVC Jacket

Armor
- Interlocked Galvanized Steel Strip w/ Charcoal Gray PVC Jacket

Conductors
- Solid Copper (Power)
- Solid Copper (Control)

Conductors Insulation
- THHN/THWN (Power)
- TFN (Control)

Assembly Covering
- Polypropylene Tape

Neutral Conductor
- White 120/208V
- Gray 277/480V

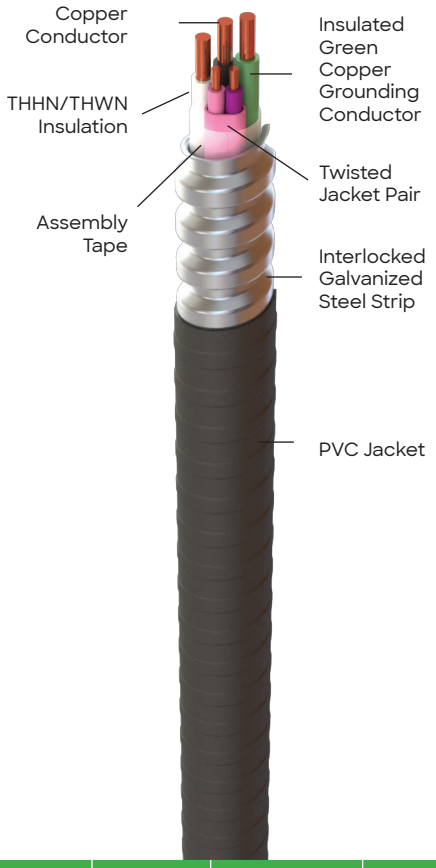
Grounding
- Insulated Green Copper Grounding Conductor

Control Cables
- 16 AWG Solid TFN Twisted Jacketed Pair (Purple/Pink)

Maximum Temperature Rating
- 90°C (Dry); 75°C (Wet)

Maximum Voltage Rating
- 600V

References & Ratings
- UL 66, 83, 1479, 1569, 1581, 2556, File Reference E80042
- NEC® 250.118(I), 330, 392, 396, 501, 502, 503, 504, 505, 518, 520, 530, 645, 725.136(I)(1)
- Hazardous locations up to Class I & II, Div. 2 and Class III, Div. 1 & 2 (NEC® Articles 501, 502, 503, 530)
- Power and/or lighting as well as signal and/or control conductors per NEC® section 725.136 (I)(1)
- Damp or Wet Locations per NEC® 330.10(A)(11)(C)
- UL listed for direct burial in earth or concrete encasement
- UL Listed for - 40 C low temperature
- UL Listed Sunlight Resistant
- UL Listed Oil Resistant II
- Federal Specification A-A-59544 (formerly J-C-30B)
- Cable tray rated, install per NEC®
- Made in USA of US and/or imported materials
- U.S. Patent 10,431,353



Conductor					Product Code		Approx. Weight	Approx. Armor O.D.	Approx. Overall Jacket O.D.	PVC Jacket Color
Trade Size	Phase Conductor AWG (Color)	Neutral Conductor AWG (Color)	Grounding Conductor AWG (Color)	Control Conductors AWG (Colors)	250' Coil	1000' Reel	(lb/1000ft)	(in)	(in)	
12-2	12-1 Solid (Black)	12-1 Solid (White)	12-1 Solid (Green)	16-2 Solid (TPJ) (Purple, Pink)	LJ04-42-L00	LJ04-60-L00	326	0.636	0.736	Charcoal Gray
12-2	12-1 Solid (Brown)	12-1 Solid (Gray)	12-1 Solid (Green)	16-2 Solid (TPJ) (Purple, Pink)	LJ04-42-L01	LJ04-60-L01	326	0.636	0.736	Charcoal Gray

Note: All dimensions and weights are subject to normal manufacturing tolerances.
Special orders are subject to lead times and minimum order quantities.
MC Luminary Cable is intended for use in non-shielded applications.