

Armor

- Interlocked Aluminum Strip

Conductors

- Solid or Stranded Copper (Power)
- Solid Copper (Control)

Conductors Insulation

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

Assembly Covering

- Polypropylene Tape

Neutral Conductors

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

Grounding

- Insulated Green Copper Grounding Conductor

Control Cables

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

Maximum Voltage Rating

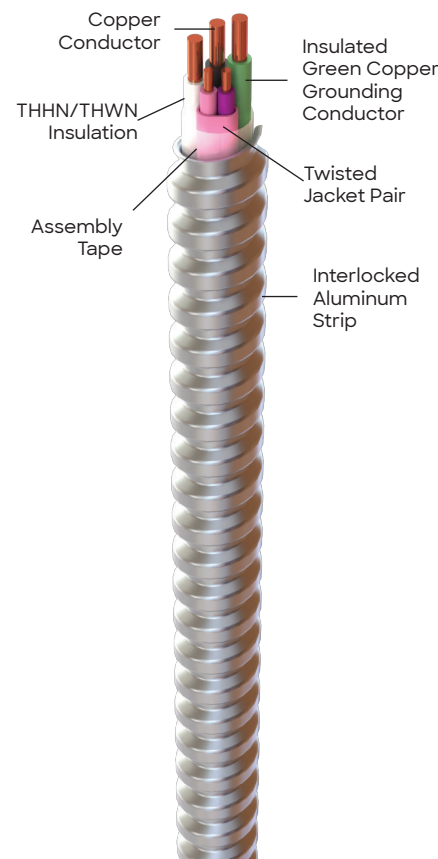
- 600V

Maximum Temperature Rating

- 90°C (Dry)

References & Ratings

- UL 66, 83, 1479, 1569, 1581, 2556, File Reference E80042
- NEC® 250.118(I), 300.22(C), 330, 392, 396, 501, 502, 503, 504, 505, 518, 520, 530, 645, 725.136(I)(1)
- NEC® 300.22 (C) Other Spaces Used For Environmental Air (Plenums)
- Power and/or lighting as well as signal and/or control conductors per NEC® section 725.136 (I)(1)
- UL classified 1, 2, and 3, hour through (Fire) penetration product R14141
- Cable tray rated, install per NEC®
- Federal Specification A-A-59544 (formerly J-C-30B)
- Meets all applicable OSHA and HUD requirements
- May be surface mounted, fished and/or embedded in plaster
- Made in USA of US and/or imported materials
- U.S. Patent 10,431,353



Conductor					Product Code		Approx. Weight	Approx. Armor O.D.
Trade Size	Phase Conductor AWG (Color)	Neutral Conductor AWG (Color)	Grounding Conductor AWG (Color)	Control AWG (Colors)	250' Coils	1000' Reel	(lb/1000ft)	(in)
Solid								
12-3	12-2 Solid (Black, Red)	12-1 Solid (White)	12-1 Solid (Green)	16-2 Solid (TPJ) (Purple, Pink)	18BG-42-L00	18BG-60-L00	183	0.653
12-3	12-2 Solid (Brown, Orange)	12-1 Solid (Gray)	12-1 Solid (Green)	16-2 Solid (TPJ) (Purple, Pink)	18BG-42-L01	18BG-60-L01	183	0.653
10-2	10-1 Solid (Black)	10-1 Solid (White)	10-1 Solid (Green)	16-2 Solid (TPJ) (Purple, Pink)	18BH-42-L00	18BH-60-L00	202	0.670
10-2	10-1 Solid (Brown)	10-1 Solid (Gray)	10-1 Solid (Green)	16-2 Solid (TPJ) (Purple, Pink)	18BH-42-L01	18BH-60-L01	202	0.670
Stranded								
12-3	12-2 Stranded (Black, Red)	12-1 Stranded (White)	12-1 Stranded (Green)	16-2 Solid (TPJ) (Purple, Pink)	18SI-42-L00	18SI-60-L00	184	0.654
12-3	12-2 Stranded (Brown, Orange)	12-1 Stranded (Gray)	12-1 Stranded (Green)	16-2 Solid (TPJ) (Purple, Pink)	18SI-42-L01	18SI-60-L01	184	0.654

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.