

MC Lite® IG Aluminum Armored Cable

Type MC Technical Specifications

Armor

Interlocked Aluminum Strip with ColorSpec® ID

Conductors

Solid or Stranded Copper

Conductor Insulation

THHN/THWN

Assembly Covering

Polypropylene Tape

Maximum Temperature Rating

90°C (Dry)

Grounding

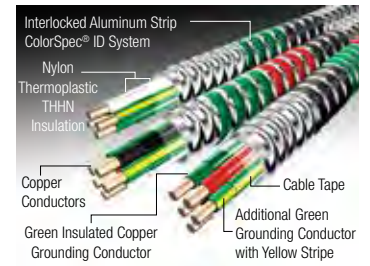
2 Solid or Stranded Grounding Conductors, Green, Green with Yellow stripe

Neutral Conductor

White 120/208V

Maximum Voltage Rating

600V



References & Ratings

- UL 83, 1479, 1569, 1581, 2556, File Reference E80042
- NEC® 230.43, 300.22(C), 392, 396, 330, 501, 502, 503, 530, 504, 505, 518, 520, 530, 645
- 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
- Cable Tray Rated, install per NEC®
- UL Classified 1, 2, and 3 hour through (Fire) penetration product, R14141
- Environmental Air-Handling Space Installation per NEC® 300.22(C)
- RoHS Compliant
- U.S. Patent No. 8,278,554 B2
- Made in USA of US and/or imported materials

Product Code No.		Trade Size	Grounding Conductor AWG	Length (ft)		Approx. Weight/ 1,000ft (lbs)	Approx. Armor O.D. (in)
Coil	Reel			Coil	Reel		
MC Lite® IG Isolated Ground Aluminum Cable							
120/208V Solid Conductors							
2105S42-80	2105S60-80	12-2 Solid (Black, White)	12 Solid (Green, Green/Yellow)	250	1000	135	0.530
2105S42-84	2105S60-84	12-2 Solid (Red, White)	12 Solid (Green, Green/Yellow)	250	1000	135	0.530
2105S42-85*	2105S60-85*	12-2 Solid (Blue, White)	12 Solid (Green, Green/Yellow)	250	1000	135	0.530
2106S42-80*	2106S60-80*	12-3 Solid (Black, Red, White)	12 Solid (Green, Green/Yellow)	250	1000	170	0.565
2110S42-80*	2110S60-80*	12-4 Solid (Black, Red, Blue, White)	12 Solid (Green, Green/Yellow)	250	1000	189	0.623
2108-42-80*	2108-60-80*	10-2 Solid (Black, White)	10 Solid (Green, Green/Yellow)	250	1000	215	0.600
2108-42-85*	2108-60-85*	10-2 Solid (Blue, White)	10 Solid (Green, Green/Yellow)	250	1000	215	0.600
2108-42-84*	2108-60-84*	10-2 Solid (Red, White)	10 Solid (Green, Green/Yellow)	250	1000	215	0.600
2109-42-80*	2109-60-80*	10-3 Solid (Black, Red, White)	10 Solid (Green, Green/Yellow)	250	1000	260	0.645
2111-42-80*	2111-60-80*	10-4 Solid (Black, Red, Blue, White)	10 Solid (Green, Green/Yellow)	250	1000	284	0.713
120/208V Stranded Conductors							
2159S42-80*	2159S60-80	12-2 Stranded (Black, White)	12 Stranded (Green, Green/Yellow)	250	1000	110	0.495

NOTE: All dimensions and weights are subject to normal manufacturing tolerances
10AWG No ColorSpec® ID

* Subject to minimums and lead times