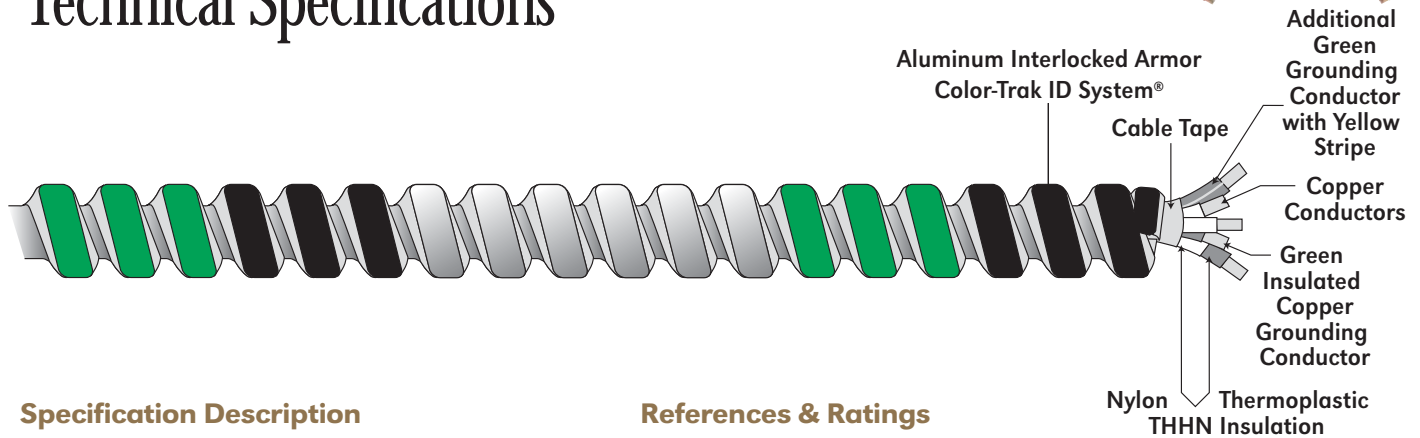




MC-Lite® IG Isolated Ground Technical Specifications



Specification Description

Specification	MC-Lite® IG ColorSpec ID System®
Armor	Interlocking Aluminum Strip
Conductors	Solid/Stranded Copper
Conductor Insulation	THHN/THWN
Assembly Covering	Polypropylene Tape
Maximum Temperature Rating	90°C (dry)
Grounding	2 grounding means – 2 grounding conductors: one solid green, one green with yellow stripe
Neutral Conductor	White for 120V
Maximum Voltage Rating	600V

References & Ratings

- U.L. 83, 1479, 1569, 1581, File Reference E80042
- NEC 230.43, 250.118, 300.22(C), 392, 396, 330, 518, 520, 530, 645
- Cable Tray installations per NEC
- Federal Specification A-A-59544 (formerly J-C-30B)
- Meets all applicable OSHA and HUD Requirements
- U.L. Classified 1, 2 and 3-hour through-penetration Fire Wall
- Environmental Air-Handling Space installation

AFC's ColorSpec ID System®

	Additional black, and green stripe denotes 2 conductor cable with additional ground		Additional red, white and green stripes denote special 3 conductor cable with additional ground
	Additional black, red and green stripes denote 3 conductor cable with additional ground		Additional light blue, white and green stripes denote special 3 conductor cable with additional ground
	Additional black, red, light blue and green stripes denote 4 conductor cable with additional ground		

Product Codes, Trade Sizes, Conductors, Packaging & Weights

Product Code		Trade Size	Grounding Conductor AWG	Length (feet)		Approx. Weight/1000 Feet (lbs.)	Armor Minimum O.D. (inches)
Coil	Reel			Coil	Reel		
2105S42-80	2105S60-80	12-2 (black, white)	12 (solid green)	250'	1000'	135	0.530
2105S42-84	2105S60-84	12-2 (red, white)	12 (solid green)	250'	1000'	135	0.530
2105S42-85	2105S60-85	12-2 (blue, white)	12 (solid green)	250'	1000'	135	0.530
2106S42-80	2106S60-80	12-3 (black, red, white)	12 (solid green)	250'	1000'	170	0.565
2110S42-80	2110S60-80	12-4 (black, red, blue, white)	12 (solid green)	250'	1000'	205	0.625
2108S42-80	2108S60-80	10-2 (black, white)	10 (solid green)	250'	1000'	215	0.600
2108S42-84	2108S60-84	10-2 (red, white)	10 (solid green)	250'	1000'	215	0.600
2108S42-85	2108S60-85	10-2 (blue, white)	10 (solid green)	250'	1000'	215	0.600
2109S42-80	2109S60-80	10-3 (black, red, white)	10 (solid green)	250'	1000'	260	0.645
2111S42-80	2111S60-80	10-4 (black, red, blue, white)	10 (solid green)	250'	1000'	310	0.715
2159S42-80	2159S60-80	12-2 Stranded (black, white)	12 (solid green)	250'	1000'	145	0.530

NOTE: All dimensions and weights are subject to normal manufacturing tolerances. Other conductor colors available by special order.

WARNING: DO NOT RE-IDENTIFY CONDUCTOR COLORS

