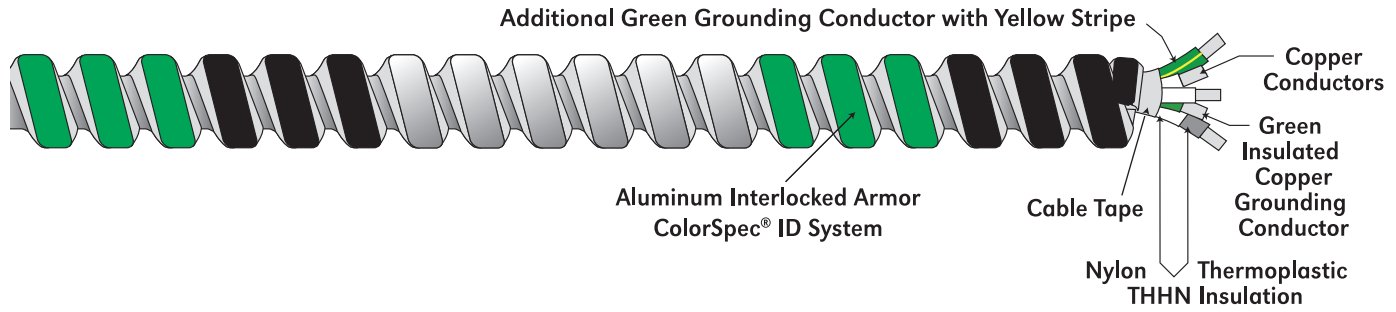


MC Lite[®] IG Isolated Ground Aluminum Cable

Traditional Type MC Technical Specifications



Specification Description

Specification	MC Lite [®] IG
Armor	Interlocking Aluminum Strip
Conductors	Solid/Stranded Copper
Conductor Insulation	THHN/THWN
Assembly Covering	Polypropylene Tape
Maximum Temperature Rating	90°C (dry)
Grounding	Two grounding means – 2 Insulated Green Grounding Conductors
Neutral Conductor	White for 120/208V circuits

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, R-14141
- Environmental Air-Handling Space Installation per NEC[®] 300.22(C)
- RoHS Compliant
- Made in USA of US and/or imported materials

Product Codes, Trade Sizes, Conductors, Packaging & Weights

Product Code Coil	Product Code Reel	Trade Size	Grounding Conductors AWG	Length (feet)		Approx. Weight/1000 Feet (lbs.)	Armor Minimum O.D. (inches)
				Coil	Reel		
120/208V							
Solid Conductor Colors							
2105S42-80	2105S60-80	12/2 Solid (black, white)	12 Solid (green, green/yellow)	250'	1000'	133	.550
2105S42-84	2105S60-84	12/2 Solid (red, white)	12 Solid (green, green/yellow)	250'	1000'	133	.550
2105S42-85	2105S60-85	12/2 Solid (blue, white)	12 Solid (green, green/yellow)	250'	1000'	133	.550
2106S42-80	2106S60-80	12/3 Solid (black, red, white)	12 Solid (green, green/yellow)	250'	1000'	161	.586
2110S42-80	2110S60-80	12/4 Solid (black, red, blue, white)	12 Solid (green, green/yellow)	250'	1000'	189	.623
2108-42-80	2108-60-80	10/2 Solid (black, white)	10 Solid (green, green/yellow)	250'	1000'	197	.622
2108-42-85	2108-60-85	10/2 Solid (blue, white)	10 Solid (green, green/yellow)	250'	1000'	197	.622
2108-42-84	2108-60-84	10/2 Solid (red, white)	10 Solid (green, green/yellow)	250'	1000'	197	.622
2109-42-80	2109-60-80	10/3 Solid (black, red, white)	10 Solid (green, green/yellow)	250'	1000'	240	.667
2111-42-80	2111-60-80	10/4 Solid (black, red, blue, white)	10 Solid (green, green/yellow)	250'	1000'	284	.713
120/208V							
Stranded Conductors							
2159S42-80	2159S60-80	12/2 Stranded (black, white)	12 Stranded (green, green/yellow)	250'	1000'	140	.573

NOTE: All dimensions and weights are subject to normal manufacturing tolerances.