

### Armor

- Interlocked Aluminum Strip

### Conductors

- Solid or Stranded Copper

### Conductor Insulation

- THHN/THWN

### Assembly Covering

- Polypropylene Tape

### Neutral Conductor

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

### Grounding

- One or more Insulated Green Copper Grounding Conductor(s)

### Maximum Voltage Rating

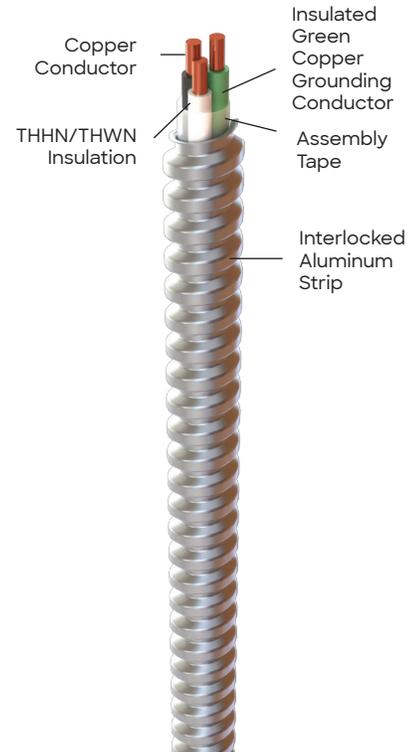
- 600V

### Maximum Temperature Rating

- 90°C (Dry)

### References & Ratings

- UL 83,1479,1569,1581, 2556, File Reference E80042
- NEC® 230.43, 300.22(C), 330, 392, 396.10(A), 501, 502, 503, 504, 505, 520, 530, 645
- NEC® 300.22 (C) Other Spaces Used For Environmental Air (Plenums)
- 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



Conductor				Product Code		Approx. Weight	Approx. Armor O.D.
Trade Size	Phase Conductor AWG (Color)	Neutral Conductor AWG (Color)	Grounding Conductor AWG (Color)	250' Coils	1000' Reel	(lb/1000ft)	(in)
Solid							
12-4	12-3 Solid (Black, Red, Blue)	12-1 Solid (White)	12-1 Solid (Green)	2106S42-00^	2106S60-00^	165	0.586
12-4	12-3 Solid (Brown, Orange, Yellow)	12-1 Solid (Gray)	12-1 Solid (Green)	2106S42-01^	2106S60-01^	165	0.586
12-3 I.G. <sup>1</sup>	12-2 Solid (Black, Red)	12-1 Solid (White)	12-2 Solid (Green, Green/Yellow)	2106S42-80	2106S60-80	165	0.586
10-2	10-1 Solid (Black)	10-1 Solid (White)	10-1 Solid (Green)	2107-42-00	2107-60-00	152	0.581
10-2	10-1 Solid (Brown)	10-1 Solid (Gray)	10-1 Solid (Green)	2107-42-01	2107-60-01	152	0.581
10-2	10-1 Solid (Orange)	10-1 Solid (Gray)	10-1 Solid (Green)	2107-42-02	2107-60-02	152	0.581
10-2	10-1 Solid (Yellow)	10-1 Solid (Gray)	10-1 Solid (Green)	2107-42-03	2107-60-03	152	0.581
10-2	10-1 Solid (Red)	10-1 Solid (White)	10-1 Solid (Green)	2107-42-04	2107-60-04	152	0.581
10-2	10-1 Solid (Blue)	10-1 Solid (White)	10-1 Solid (Green)	2107-42-05	2107-60-05	152	0.581
10-3	10-2 Solid (Black, Red)	10-1 Solid (White)	10-1 Solid (Green)	2108-42-00	2108-60-00	198	0.622
10-3	10-2 Solid (Brown, Orange)	10-1 Solid (Gray)	10-1 Solid (Green)	2108-42-01	2108-60-01	198	0.622
10-3	10-2 Solid (Orange, Yellow)	10-1 Solid (Gray)	10-1 Solid (Green)	2108-42-02	2108-60-02	198	0.622
10-3	10-2 Solid (Brown, Yellow)	10-1 Solid (Gray)	10-1 Solid (Green)	2108-42-03	2108-60-03	198	0.622
10-3	10-2 Solid (Red, Blue)	10-1 Solid (White)	10-1 Solid (Green)	2108-42-04	—	198	0.622
10-3	10-2 Solid (Black, Blue)	10-1 Solid (White)	10-1 Solid (Green)	2108-42-05	2108-60-05	198	0.622
10-4	10-3 Solid (Black, Red, Blue)	10-1 Solid (White)	10-1 Solid (Green)	2109-42-00	2109-60-00	241	0.643
10-4	10-3 Solid (Brown, Orange, Yellow)	10-1 Solid (Gray)	10-1 Solid (Green)	2109-42-01	2109-60-01	241	0.643

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Conductor				Product Code		Approx. Weight	Approx. Armor O.D.
Trade Size	Phase Conductor AWG (Color)	Neutral Conductor AWG (Color)	Grounding Conductor AWG (Color)	250' Coils	1000' Reel	(lb/1000ft)	(in)
Stranded							
12-4	12-3 Stranded (Black, Red, Blue)	12-1 Stranded (White)	12-1 Stranded (Green)	2160S42-00^	2160S60-00^	170	0.613
12-4	12-3 Stranded (Brown, Orange, Yellow)	12-1 Stranded (Gray)	12-1 Stranded (Green)	2160S42-01^	2160S60-01^	170	0.613
10-2	10-1 Stranded (Black)	10-1 Stranded (White)	10-1 Stranded (Green)	2161-42-00	2161-60-00	161	0.614
10-2	10-1 Stranded (Brown)	10-1 Stranded (Gray)	10-1 Stranded (Green)	2161-42-01	2161-60-01	161	0.614
10-2	10-1 Stranded (Orange)	10-1 Stranded (Gray)	10-1 Stranded (Green)	2161-42-02	2161-60-02	161	0.614
10-2	10-1 Stranded (Yellow)	10-1 Stranded (Gray)	10-1 Stranded (Green)	2161-42-03	2161-60-03	161	0.614
10-3	10-2 Stranded (Black, Red)	10-1 Stranded (White)	10-1 Stranded (Green)	2162-42-00	2162-60-00	205	0.658
10-3	10-2 Stranded (Brown, Orange)	10-1 Stranded (Gray)	10-1 Stranded (Green)	2162-42-01	—	205	0.658
10-4	10-3 Stranded (Black, Red, Blue)	10-1 Stranded (White)	10-1 Stranded (Green)	2163-42-00	2163-60-00	255	0.704
10-4	10-3 Stranded (Brown, Orange, Yellow)	10-1 Stranded (Gray)	10-1 Stranded (Green)	2163-42-01	2163-60-01	255	0.704

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

^These products are plain armor color-coded with ColorSpec®ID.

Special orders are subject to lead times and minimum order quantities.

!G. = Isolated Ground, an additional insulated green copper grounding conductor with yellow stripe.



### MC Lite - Gaylord Packaging Solution

Conductor				Product Code	Length	Approx. Weight	Approx. Armor O.D.
Trade Size	Phase Conductor AWG (Color)	Neutral Conductor AWG (Color)	Grounding Conductor AWG (Color)		(ft)	(lb/1000ft)	(in)
Solid							
12-2	12-1 Solid (Black)	12-1 Solid (White)	12-1 Solid (Green)	2104-76-00	6000	106	0.517
12-2	12-1 Solid (Brown)	12-1 Solid (Gray)	12-1 Solid (Green)	2104-76-01	6000	106	0.517
12-3	12-1 Solid (Black, Red)	12-1 Solid (White)	12-1 Solid (Green)	2105-76-00	6000	134	0.549

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

Special orders are subject to lead times and minimum order quantities.



**MC Lite Barrel Packaging Solution**

Conductor				Product Code	Length	Approx. Weight	Approx. Armor O.D.
Trade Size	Phase Conductor AWG (Color)	Neutral Conductor AWG (Color)	Grounding Conductor AWG (Color)		(ft)	(lb/Barrel Length)	(in)
<b>Solid</b>							
12-2	12-1 Solid (Black)	12-1 Solid (White)	12-1 Solid (Green)	2104-93-00	2500	285	0.517
12-3	12-2 Solid (Black, Red)	12-1 Solid (White)	12-1 Solid (Green)	2105-92-00	2000	288	0.549
10-2	10-1 Solid (Black)	10-1 Solid (White)	10-1 Solid (Green)	2107-91-00	1500	253	0.581
10-2	10-1 Solid (Brown)	10-1 Solid (Gray)	10-1 Solid (Green)	2107-91-01	1500	253	0.581
10-3	10-2 Solid (Black, Red)	10-1 Solid (White)	10-1 Solid (Green)	2108-90-00	1000	218	0.622
<b>Stranded</b>							
12-2	12-1 Stranded (Black)	12-1 Stranded (White)	12-1 Stranded (Green)	2158-92-00	2000	242	0.538
12-2	12-1 Stranded (Brown)	12-1 Stranded (Gray)	12-1 Stranded (Green)	2158-92-01	2000	242	0.538
12-3	12-2 Stranded (Black, Red)	12-1 Stranded (White)	12-1 Stranded (Green)	2159-91-00	1500	230	0.573

Note: All dimensions and weights are subject to normal manufacturing tolerances. Other conductor colors available by special order. Special orders are subject to lead times and minimum order quantities.  
Approx. Weight = Weight of barrel + total product length weight.

**MC Lite 8 AWG and Larger**

Conductor				Product Code		Length		Approx. Weight	Approx. Armor O.D.
Trade Size	Phase Conductor AWG (Color)	Neutral Conductor AWG (Color)	Grounding Conductor AWG (Color)			C=Coil, R= Reel	(ft)		
Stranded									
8-2	8-1 Stranded (Black)	8-1 Stranded (White)	10-1 Solid (Green)	2115-40-00	2115-45-00	200 C	500 R	217	0.677
8-2	8-1 Stranded (Black)	8-1 Stranded (White)	10-1 Solid (Green)	2115-60-00	2115-65-00	1,000 R	2,500 R	217	0.677
8-2	8-1 Stranded (Brown)	8-1 Stranded (Gray)	10-1 Solid (Green)	2115-40-01	2115-45-01	200 C	500 R	217	0.677
8-2	8-1 Stranded (Brown)	8-1 Stranded (Gray)	10-1 Solid (Green)	2115-60-01	—	1,000 R	—	217	0.677
8-3	8-2 Stranded (Black, Red)	8-1 Stranded (White)	10-1 Solid (Green)	2116-40-00	2116-45-00	200 C	500 R	296	0.813
8-3	8-2 Stranded (Black, Red)	8-1 Stranded (White)	10-1 Solid (Green)	2116-60-00	2116-65-00	1,000 R	2,500 R	296	0.813
8-3	8-2 Stranded (Brown, Orange)	8-1 Stranded (Gray)	10-1 Solid (Green)	2116-40-01	2116-45-01	200 C	500 R	296	0.813
8-3	8-2 Stranded (Brown, Orange)	8-1 Stranded (Gray)	10-1 Solid (Green)	2116-60-01	—	1,000 R	—	296	0.813
8-4	8-3 Stranded (Black, Red, Blue)	8-1 Stranded (White)	10-1 Solid (Green)	2117-32-00	2117-45-00	125 C	500 R	363	0.848
8-4	8-3 Stranded (Black, Red, Blue)	8-1 Stranded (White)	10-1 Solid (Green)	2117-60-00	—	1,000 R	—	363	0.848
8-4	8-3 Stranded (Brown, Orange, Yellow)	8-1 Stranded (Gray)	10-1 Solid (Green)	2117-45-01	2117-60-01	500 R	1,000 R	363	0.848
6-2	6-1 Stranded (Black)	6-1 Stranded (White)	8-1 Stranded (Green)	2119-32-00	2119-45-00	125 C	500 R	320	0.816
6-2	6-1 Stranded (Black)	6-1 Stranded (White)	8-1 Stranded (Green)	2119-60-00	2119-65-00	1,000 R	2,500 R	320	0.816
6-2	6-1 Stranded (Brown)	6-1 Stranded (Gray)	8-1 Stranded (Green)	2119-60-01	—	1,000 R	—	320	0.816
6-3	6-2 Stranded (Black, Red)	6-1 Stranded (White)	8-1 Stranded (Green)	2120-32-00	2120-45-00	125 C	500 R	429	0.855
6-3	6-2 Stranded (Black, Red)	6-1 Stranded (White)	8-1 Stranded (Green)	2120-60-00	2120-65-00	1,000 R	2,500 R	429	0.855
6-3	6-2 Stranded (Brown, Orange)	6-1 Stranded (Gray)	8-1 Stranded (Green)	2120-45-01	2120-60-01	500 R	1,000 R	429	0.855
6-4	6-3 Stranded (Black, Red, Blue)	6-1 Stranded (White)	8-1 Stranded (Green)	2121-30-00	2121-45-00	100 C	500 R	532	1.026
6-4	6-3 Stranded (Black, Red, Blue)	6-1 Stranded (White)	8-1 Stranded (Green)	2121-60-00	—	1,000 R	—	532	1.026
6-4	6-3 Stranded (Brown, Orange, Yellow)	6-1 Stranded (Gray)	8-1 Stranded (Green)	2121-45-01	2121-60-01	500 R	1,000 R	532	1.026
4-3	4-2 Stranded (Black, Red)	4-1 Stranded (White)	8-1 Stranded (Green)	2124-30-00	2124-45-00	100 C	500 R	617	1.057
4-3	4-2 Stranded (Black, Red)	4-1 Stranded (White)	8-1 Stranded (Green)	2124-60-00	—	1,000 R	—	617	1.057
4-4	4-3 Stranded (Black, Red, Blue)	4-1 Stranded (White)	8-1 Stranded (Green)	2125-45-00	2125-60-00	500 R	1,000 R	845	1.08
3-3	3-2 Stranded (Black, Red)	3-1 Stranded (White)	6-1 Stranded (Green)	2128-45-00	2128-60-00	500 R	1,000 R	788	1.108
3-4	3-3 Stranded (Black, Red, Blue)	3-1 Stranded (White)	6-1 Stranded (Green)	2129-45-00	2129-60-00	500 R	1,000 R	1025	1.120
2-3	2-2 Stranded (Black, Red)	2-1 Stranded (White)	6-1 Stranded (Green)	2126-45-00	2126-60-00	500 R	1,000 R	956	1.152
2-4	2-3 Stranded (Black, Red, Blue)	2-1 Stranded (White)	6-1 Stranded (Green)	2127-45-00	2127-60-00	500 R	1,000 R	1208	1.225
1-3	1-2 Stranded (Black, Red)	1-1 Stranded (White)	6-1 Stranded (Green)	2137-45-00	2137-60-00	500 R	1,000 R	1191	1.313
1-4	1-3 Stranded (Black, Red, Blue)	1-1 Stranded (White)	6-1 Stranded (Green)	2138-45-00	2138-60-00	500 R	1,000 R	1498	1.356

Note: All dimensions and weights are subject to normal manufacturing tolerances. Other conductor colors available by special order. Special orders are subject to lead times and minimum order quantities.