

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

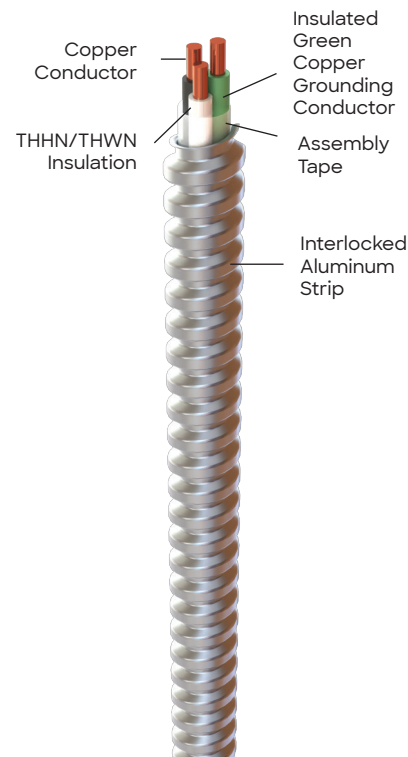
- 600V

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. ¹	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)
Solid							
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
Stranded							
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 C=Coil, R= Reel		Approx. Weight	Approx. Armor O.D.
Trade Size	Phase Conductor AWG (Color)	Neutral Conductor AWG (Color)	Grounding Conductor AWG (Color)			(ft)	(lb/1000ft)	(in)	
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.