

Armor

- Interlocked Aluminum Strip
- Color-Coded Lime Green with ColorSpec® ID/ColorTrak® ID

Conductors

- Solid or Stranded Copper

Conductor Insulation

- THHN/THWN w/ Protective Polypropylene Covering

Assembly Covering

- Wrap free design

Neutral Conductors

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

Grounding

- Dual Grounding Means:
 - (1) Combined Armor and Full-Sized Aluminum Ground /Bond Wire
 - (2) Insulated Green Copper Grounding Conductor

Maximum Voltage Rating

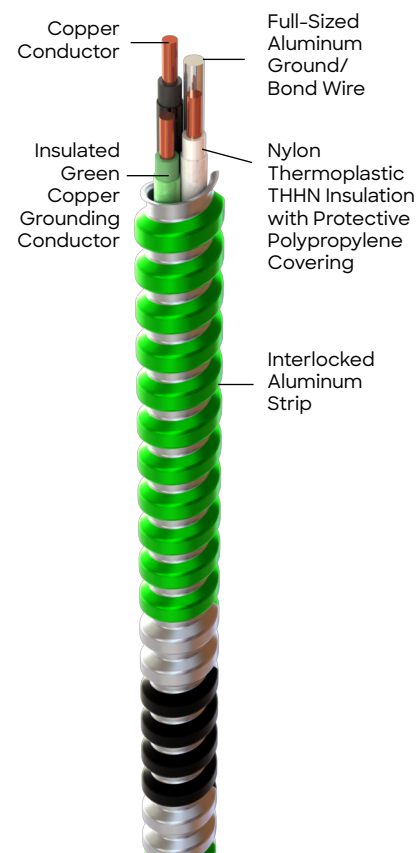
- 600V

Maximum Temperature Rating

- 90°C (Dry)

References & Ratings

- UL 83,1479,1569,1581, 2556, File Reference E80042
- NEC® 230, 250, 300, 330, 392, 396, 501, 502, 503, 505, 517, 518, 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
- Aluminum armored cables are RoHS compliant
- U.S. Patent 8,088,977



Conductor					Product Code		Approx. Weight	Approx. Armor O.D.
Trade Size	Phase Conductor AWG (Color)	Neutral Conductor AWG (Color)	Grounding Conductor AWG (Color)	Bare Alum. Bonding / Bond Wire AWG	250' Coil	1000' Reel	(lb/1000ft)	(in)
Solid								
12-2	12-1 Solid (Black)	12-1 Solid (White)	12-1 Solid (Green)	10-1 Solid	5804-42-00	5804-60-00	122	0.523
12-2	12-1 Solid (Brown)	12-1 Solid (Gray)	12-1 Solid (Green)	10-1 Solid	5804-42-01	5804-60-01	122	0.523
12-2	12-1 Solid (Orange)	12-1 Solid (Gray)	12-1 Solid (Green)	10-1 Solid	5804-42-02*	5804-60-02	122	0.523
12-2	12-1 Solid (Yellow)	12-1 Solid (Gray)	12-1 Solid (Green)	10-1 Solid	5804-42-03*	5804-60-03*	122	0.523
12-2	12-1 Solid (Red)	12-1 Solid (White)	12-1 Solid (Green)	10-1 Solid	5804-42-04	5804-60-04	122	0.523
12-2	12-1 Solid (Blue)	12-1 Solid (White)	12-1 Solid (Green)	10-1 Solid	5804-42-05	5804-60-05	122	0.523
12-2	12-1 Solid (Purple)	12-1 Solid (Gray)	12-1 Solid (Green)	10-1 Solid	5804-42-07	5804-60-07*	122	0.523
12-3	12-2 Solid (Black, Red)	12-1 Solid (White)	12-1 Solid (Green)	10-1 Solid	5805-42-00	5805-60-00	152	0.565
12-3	12-2 Solid (Brown, Orange)	12-1 Solid (Gray)	12-1 Solid (Green)	10-1 Solid	5805-42-01	5805-60-01*	152	0.565
12-3	12-2 Solid (Red, Blue)	12-1 Solid (White)	12-1 Solid (Green)	10-1 Solid	5805-42-04*	5805-60-04*	152	0.565
12-3	12-2 Solid (Black, Blue)	12-1 Solid (White)	12-1 Solid (Green)	10-1 Solid	5805-42-05*	5805-60-05*	152	0.565
12-4	12-3 Solid (Black, Red, Blue)	12-1 Solid (White)	12-1 Solid (Green)	10-1 Solid	5806-42-00	5806-60-00*	201	0.618
12-4	12-3 Solid (Brown, Orange, Yellow)	12-1 Solid (Gray)	12-1 Solid (Green)	10-1 Solid	5806-42-01*	5806-60-01*	201	0.618
10-2	10-1 Solid (Black)	10-1 Solid (White)	10-1 Solid (Green)	8-1 Solid	5807-42-00	5807-60-00	178	0.601
10-2	10-1 Solid (Brown)	10-1 Solid (Gray)	10-1 Solid (Green)	8-1 Solid	5807-42-01*	5807-60-01*	178	0.601
10-3	10-2 Solid (Black, Red)	10-1 Solid (White)	10-1 Solid (Green)	8-1 Solid	5808-42-00*	5808-60-00*	235	0.651
10-4	10-3 Solid (Black, Red, Blue)	10-1 Solid (White)	10-1 Solid (Green)	8-1 Solid	5809-42-00*	5809-60-00*	301	0.716

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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)	Bare Alum. Bonding / Bond Wire AWG	250' Coil	1000' Reel	(lb/1000ft)	(in)
Stranded								
12-2	12-1 Stranded (Black)	12-1 Stranded (White)	12-1 Stranded (Green)	10-1 Solid	5858-42-00	5858-60-00	127	0.539
12-2	12-1 Stranded (Brown)	12-1 Stranded (Gray)	12-1 Stranded (Green)	10-1 Solid	5858-42-01	5858-60-01*	127	0.539
12-2	12-1 Stranded (Red)	12-1 Stranded (White)	12-1 Stranded (Green)	10-1 Solid	5858-42-04*	5858-60-04*	127	0.539
12-2	12-1 Stranded (Blue)	12-1 Stranded (White)	12-1 Stranded (Green)	10-1 Solid	5858-42-05*	5858-60-05*	127	0.539
12-3	12-2 Stranded (Black, Red)	12-1 Stranded (White)	12-1 Stranded (Green)	10-1 Solid	5859-42-00	5859-60-00*	164	0.585
12-3	12-2 Stranded (Red, Blue)	12-1 Stranded (White)	12-1 Stranded (Green)	10-1 Solid	5859-42-04	5859-60-04	164	0.585
12-3	12-2 Stranded (Black, Blue)	12-1 Stranded (White)	12-1 Stranded (Green)	10-1 Solid	5859-42-05	5859-60-05	164	0.585
12-4	12-3 Stranded (Black, Red, Blue)	12-1 Stranded (White)	12-1 Stranded (Green)	10-1 Solid	5860-42-00*	5860-60-00*	211	0.645

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

*Special Order, subject to lead times and minimum order quantities.

Use With an MCI-A Listed Connector

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)	Bare Alum. Ground/ Bond Wire AWG		(ft)	(lb/Barrel length)	(in)
Solid								
12-2	12-1 Solid (Black)	12-1 Solid (White)	12-1 Solid (Green)	10-1 Solid	5804-92-00	2000	264	0.523
12-2	12-1 Solid (Brown)	12-1 Solid (Gray)	12-1 Solid (Green)	10-1 Solid	5804-92-01	2000	264	0.523
12-3	12-2 Solid (Black, Red)	12-1 Solid (White)	12-1 Solid (Green)	10-1 Solid	5805-91-00	1500	248	0.565
12-3	12-2 Solid (Brown, Orange)	12-1 Solid (Gray)	12-1 Solid (Green)	10-1 Solid	5805-91-01	1500	248	0.565