

Armor

- Interlocked Aluminum Strip

Conductors

- Solid or Stranded Copper

Conductors Insulation

- THHN/THWN w/ Protective Polypropylene Covering

Assembly Covering

- Wrap Free design

Neutral Conductor

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

Grounding

- Combined Armor and Full-Sized Aluminum Ground/Bond Wire

Maximum Voltage Rating

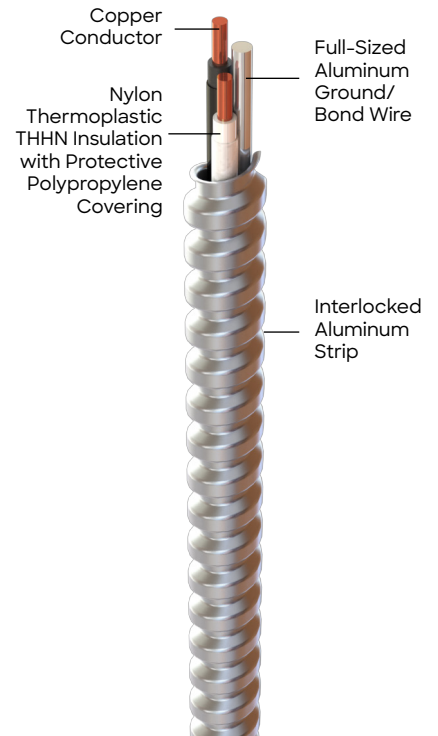
- 600V

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, 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)	Bare Alum. Bonding /Bond Wire AWG	250' Coil	1000' Reel	(lb/1000ft)	(in)
Solid							
14-2	14-1 Solid (Black)	14-1 Solid (White)	12-1 Solid	3101Z42-00	3101Z60-00	66	0.422
14-3	14-2 Solid (Black, Red)	14-1 Solid (White)	12-1 Solid	3102Z42-00	3102Z60-00	88	0.467
14-4	14-3 Solid (Black, Red, Blue)	14-1 Solid (White)	12-1 Solid	3103Z42-00*	3103Z60-00*	109	0.503
12-2	12-1 Solid (Black)	12-1 Solid (White)	10-1 Solid	3104Z42-00	3104Z60-00	90	0.463
12-2	12-1 Solid (Brown)	12-1 Solid (Gray)	10-1 Solid	3104Z42-01	3104Z60-01	90	0.463
12-2	12-1 Solid (Orange)	12-1 Solid (Gray)	10-1 Solid	3104Z42-02	3104Z60-02	90	0.463
12-2	12-1 Solid (Yellow)	12-1 Solid (Gray)	10-1 Solid	3104Z42-03	3104Z60-03	90	0.463
12-2	12-1 Solid (Red)	12-1 Solid (White)	10-1 Solid	3104Z42-04	3104Z60-04	90	0.463
12-2	12-1 Solid (Blue)	12-1 Solid (White)	10-1 Solid	3104Z42-05	3104Z60-05	90	0.463
12-2	12-1 Solid (Purple)	12-1 Solid (Gray)	10-1 Solid	3104Z42-07*	3104Z60-07*	90	0.463
12-3	12-2 Solid (Black, Red)	12-1 Solid (White)	10-1 Solid	3105Z42-00	3105Z60-00	122	0.523
12-3	12-2 Solid (Brown, Orange)	12-1 Solid (Gray)	10-1 Solid	3105Z42-01	3105Z60-01	122	0.523
12-3	12-2 Solid (Orange, Yellow)	12-1 Solid (Gray)	10-1 Solid	3105Z42-02*	3105Z60-02*	122	0.523
12-3	12-2 Solid (Brown, Yellow)	12-1 Solid (Gray)	10-1 Solid	3105Z42-03*	3105Z60-03*	122	0.523
12-3	12-2 Solid (Red, Blue)	12-1 Solid (White)	10-1 Solid	3105Z42-04*	3105Z60-04*	122	0.523
12-3	12-2 Solid (Black, Blue)	12-1 Solid (White)	10-1 Solid	3105Z42-05*	3105Z60-05*	122	0.523
12-4	12-3 Solid (Black, Red, Blue)	12-1 Solid (White)	10-1 Solid	3106Z42-00	3106Z60-00	167	0.565
12-4	12-3 Solid (Brown, Orange, Yellow)	12-1 Solid (Gray)	10-1 Solid	3106Z42-01	3106Z60-01*	167	0.565
10-2	10-1 Solid (Black)	10-1 Solid (White)	8-1 Solid	3107Z42-00	3107Z60-00	131	0.525
10-2	10-1 Solid (Brown)	10-1 Solid (Gray)	8-1 Solid	3107Z42-01*	3107Z60-01*	131	0.525
10-2	10-1 Solid (Orange)	10-1 Solid (Gray)	8-1 Solid	3107Z42-02*	3107Z60-02*	131	0.525
10-2	10-1 Solid (Yellow)	10-1 Solid (Gray)	8-1 Solid	3107Z42-03*	3107Z60-03*	131	0.525
10-2	10-1 Solid (Red)	10-1 Solid (White)	8-1 Solid	3107Z42-04*	3107Z60-04*	131	0.525

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Conductor				Product Code		Approx. Weight	Approx. Armor O.D.
Trade Size	Phase Conductor AWG (Color)	Neutral Conductor AWG (Color)	Bare Alum. Bonding / Bond Wire AWG	250' Coil	1000' Reel	(lb/1000ft)	(in)
10-2	10-1 Solid (Blue)	10-1 Solid (White)	8-1 Solid	3107Z42-05*	3107Z60-05*	131	0.525
10-3	10-2 Solid (Black, Red)	10-1 Solid (White)	8-1 Solid	3108Z42-00	3108Z60-00*	178	0.601
10-3	10-2 Solid (Brown, Orange)	10-1 Solid (Gray)	8-1 Solid	3108Z42-01*	3108Z60-01*	178	0.601
10-3	10-2 Solid (Orange, Yellow)	10-1 Solid (Gray)	8-1 Solid	3108Z42-02*	3108Z60-02*	178	0.601
10-3	10-2 Solid (Brown, Yellow)	10-1 Solid (Gray)	8-1 Solid	3108Z42-03*	3108Z60-03*	178	0.601
10-3	10-2 Solid (Red, Blue)	10-1 Solid (White)	8-1 Solid	3108Z42-04*	3108Z60-04*	178	0.601
10-3	10-2 Solid (Black, Blue)	10-1 Solid (White)	8-1 Solid	3108Z42-05*	3108Z60-05*	178	0.601
10-4	10-3 Solid (Black, Red, Blue)	10-1 Solid (White)	8-1 Solid	3109Z42-00*	3109Z60-00*	224	0.651
10-4	10-3 Solid (Brown, Orange, Yellow)	10-1 Solid (Gray)	8-1 Solid	3109Z42-01*	3109Z60-01*	224	0.651
Stranded							
12-2	12-1 Stranded (Black)	12-1 Stranded (White)	10-1 Solid	3158Z42-00	3158Z60-00	94	0.482
12-2	12-1 Stranded (Brown)	12-1 Stranded (Gray)	10-1 Solid	3158Z42-01	3158Z60-01	94	0.482
12-2	12-1 Stranded (Orange)	12-1 Stranded (Gray)	10-1 Solid	3158Z42-02	3158Z60-02	94	0.482
12-2	12-1 Stranded (Yellow)	12-1 Stranded (Gray)	10-1 Solid	3158Z42-03	3158Z60-03*	94	0.482
12-2	12-1 Stranded (Red)	12-1 Stranded (White)	10-1 Solid	3158Z42-04*	3158Z60-04*	94	0.482
12-2	12-1 Stranded (Blue)	12-1 Stranded (White)	10-1 Solid	3158Z42-05*	3158Z60-05*	94	0.482
12-3	12-2 Stranded (Black, Red)	12-1 Stranded (White)	10-1 Solid	3159Z42-00	3159Z60-00*	127	0.539
12-3	12-2 Stranded (Brown, Orange)	12-1 Stranded (Gray)	10-1 Solid	3159Z42-01	3159Z60-01*	127	0.539
12-3	12-2 Stranded (Orange, Yellow)	12-1 Stranded (Gray)	10-1 Solid	3159Z42-02*	3159Z60-02*	127	0.539
12-3	12-2 Stranded (Brown, Yellow)	12-1 Stranded (Gray)	10-1 Solid	3159Z42-03*	3159Z60-03*	127	0.539
12-4	12-3 Stranded (Black, Red, Blue)	12-1 Stranded (White)	10-1 Solid	3160Z42-00	3160Z60-00*	158	0.585
12-4	12-3 Stranded (Brown, Orange, Yellow)	12-1 Stranded (Gray)	10-1 Solid	3160Z42-01	3160Z60-01*	158	0.585
10-2	10-1 Stranded (Black)	10-1 Stranded (White)	8-1 Solid	3161Z42-00	3161Z60-00	151	0.552
10-2	10-1 Stranded (Brown)	10-1 Stranded (Gray)	8-1 Solid	3161Z42-01*	3161Z60-01*	151	0.552
10-3	10-2 Stranded (Black, Red)	10-1 Stranded (White)	8-1 Solid	3162Z42-00	3162Z60-00*	202	0.625
10-3	10-2 Stranded (Brown, Orange)	10-1 Stranded (Gray)	8-1 Solid	3162Z42-01*	3162Z60-01*	202	0.625
10-4	10-3 Stranded (Black, Red, Blue)	10-1 Stranded (White)	8-1 Solid	3163Z42-00*	3163Z60-00*	261	0.680
10-4	10-3 Stranded (Brown, Orange, Yellow)	10-1 Stranded (Gray)	8-1 Solid	3163Z42-01*	3163Z60-01*	261	0.680

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.

†*** 44*** Put-up code is for 250' Reels

Use with an MCI-A listed Connector

MC Quik Lite - Gaylord Packaging Solution

Conductor				Product Code	Length	Approx. Weight	Approx. Armor O.D.
Trade Size	Phase Conductor AWG (Color)	Neutral Conductor AWG (Color)	Bare Alum. Ground/ Bond Wire AWG		(ft)	(lb/1000ft)	(in)
Solid							
12-2	12-1 Solid (Black)	12-1 Solid (White)	10-1 Solid	3104Z76-00	6000	90	0.463
12-2	12-1 Solid (Brown)	12-1 Solid (Gray)	10-1 Solid	3104Z76-01	6000	90	0.463

Barrel Packaging Solution

Conductor				Product Code	Length	Approx. Weight	Approx. Armor O.D.
Trade Size	Phase Conductor AWG (Color)	Neutral 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)	10-1 Solid	3104Z93-00	2500	245	0.463
12-2	12-1 Solid (Brown)	12-1 Solid (Gray)	10-1 Solid	3104Z93-01	2500	245	0.463
12-3	12-2 Solid (Black, Red)	12-1 Solid (White)	10-1 Solid	3105Z92-00	2000	264	0.523
12-3	12-2 Solid (Brown, Orange)	12-1 Solid (Gray)	10-1 Solid	3105Z92-01	2000	264	0.523
Stranded Conductor							
12-2	12-1 Stranded (Black)	12-1 Stranded (White)	10-1 Solid	3158Z92-00	2500	208	0.482
12-2	12-1 Stranded (Brown)	12-1 Stranded (Gray)	10-1 Solid	3158Z92-01	2500	208	0.482
12-3	12-2 Stranded (Black, Red)	12-1 Stranded (White)	10-1 Solid	3159Z91-00	2000	210	0.539
12-3	12-2 Stranded (Brown, Orange)	12-1 Stranded (Gray)	10-1 Solid	3159Z91-01	2000	210	0.539