

Armor

- Interlocked Aluminum Strip

Conductors

- Solid or Stranded Copper

Conductors 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

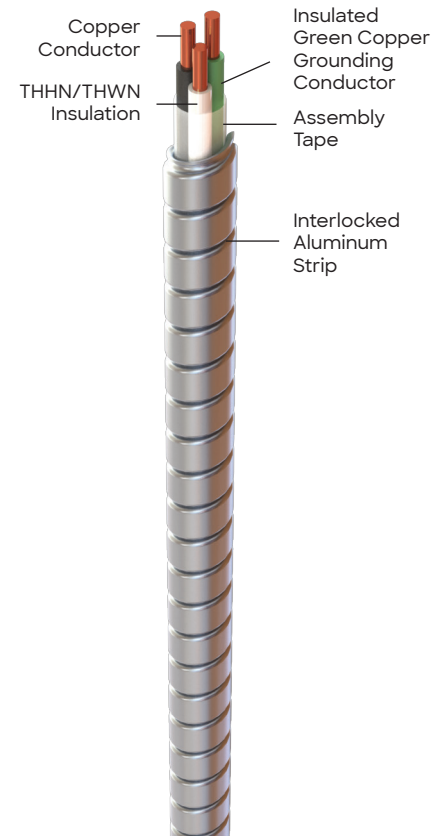
- 600V

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
- Aluminum armored cables are RoHS compliant
- U.S. Patent 11,996,215 | U.S. Patent 12,170,157 | U.S. Patent 12,165,791 | U.S. Design Patent D935,731 | U.S. Design Patent D996,374 | U.S. Design Patent D1,015,280



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							
14-2	14-1 Solid (Black)	14-1 Solid (White)	14-1 Solid (Green)	A001-42-00	A001-60-00	78	0.415
14-2	14-1 Solid (Brown)	14-1 Solid (Gray)	14-1 Solid (Green)	A001-42-01	A001-60-01	78	0.415
14-3	14-2 Solid (Black, Red)	14-1 Solid (White)	14-1 Solid (Green)	A002-42-00	A002-60-00	95	0.440
14-3	14-2 Solid (Brown, Orange)	14-1 Solid (Gray)	14-1 Solid (Green)	A002-42-01	A002-60-01	95	0.440
14-4	14-3 Solid (Black, Red, Blue)	14-1 Solid (White)	14-1 Solid (Green)	A003-42-00	A003-60-00	113	0.460
14-4	14-3 Solid (Brown, Orange, Yellow)	14-1 Solid (Gray)	14-1 Solid (Green)	A003-42-01	A003-60-01	113	0.460
12-2	12-1 Solid (Black)	12-1 Solid (White)	12-1 Solid (Green)	A004-42-00	A004-60-00	103	0.440
12-2	12-1 Solid (Brown)	12-1 Solid (Gray)	12-1 Solid (Green)	A004-42-01	A004-60-01	103	0.440
12-2	12-1 Solid (Orange)	12-1 Solid (Gray)	12-1 Solid (Green)	A004-42-02	A004-60-02	103	0.440
12-2	12-1 Solid (Yellow)	12-1 Solid (Gray)	12-1 Solid (Green)	A004-42-03	A004-60-03	103	0.440
12-2	12-1 Solid (Red)	12-1 Solid (White)	12-1 Solid (Green)	A004-42-04	A004-60-04	103	0.440
12-2	12-1 Solid (Blue)	12-1 Solid (White)	12-1 Solid (Green)	A004-42-05	A004-60-05	103	0.440
12-2	12-1 Solid (Purple)	12-1 Solid (Gray)	12-1 Solid (Green)	A004-42-07	A004-60-07	103	0.440
12-2 I.G. ¹	12-1 Solid (Black)	12-1 Solid (White)	12-2 Solid (Green, Green/Yellow)	A005-42-80	A005-60-80	130	0.460
12-2 I.G. ¹	12-1 Solid (Red)	12-1 Solid (White)	12-2 Solid (Green, Green/Yellow)	A005-42-84	A005-60-84	130	0.460
12-2 I.G. ¹	12-1 Solid (Blue)	12-1 Solid (White)	12-2 Solid (Green, Green/Yellow)	A005-42-85	A005-60-85	130	0.460
12-3	12-2 Solid (Black, Red)	12-1 Solid (White)	12-1 Solid (Green)	A005-42-00	A005-60-00	130	0.460
12-3	12-2 Solid (Brown, Orange)	12-1 Solid (Gray)	12-1 Solid (Green)	A005-42-01	A005-60-01	130	0.460

Continues on next page

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							
12-3	12-2 Solid (Orange, Yellow)	12-1 Solid (Gray)	12-1 Solid (Green)	A005-42-02	A005-60-02	130	0.460
12-3	12-2 Solid (Brown, Yellow)	12-1 Solid (Gray)	12-1 Solid (Green)	A005-42-03	A005-60-03	130	0.460
12-3	12-2 Solid (Red, Blue)	12-1 Solid (White)	12-1 Solid (Green)	A005-42-04	A005-60-04	130	0.460
12-3	12-2 Solid (Black, Blue)	12-1 Solid (White)	12-1 Solid (Green)	A005-42-05	A005-60-05	130	0.460
12-3	12-2 Solid (Brown, Purple)	12-1 Solid (Gray)	12-1 Solid (Green)	A005-42-07	A005-60-07	130	0.460
12-3 I.G. ¹	12-2 Solid (Black, Red)	12-1 Solid (White)	12-2 Solid (Green, Green/Yellow)	A006-42-80	A006-60-80	148	0.500
12-4	12-3 Solid (Black, Red, Blue)	12-1 Solid (White)	12-1 Solid (Green)	A006-42-00	A006-60-00	148	0.500
12-4	12-3 Solid (Brown, Orange, Yellow)	12-1 Solid (Gray)	12-1 Solid (Green)	A006-42-01	A006-60-01	148	0.500
10-2	10-1 Solid (Black)	10-1 Solid (White)	10-1 Solid (Green)	A007-42-00	A007-60-00	145	0.500
10-2	10-1 Solid (Brown)	10-1 Solid (Gray)	10-1 Solid (Green)	A007-42-01	A007-60-01	145	0.500
10-2	10-1 Solid (Orange)	10-1 Solid (Gray)	10-1 Solid (Green)	A007-42-02	A007-60-02	145	0.500
10-2	10-1 Solid (Yellow)	10-1 Solid (Gray)	10-1 Solid (Green)	A007-42-03	A007-60-03	145	0.500
10-2	10-1 Solid (Red)	10-1 Solid (White)	10-1 Solid (Green)	A007-42-04	A007-60-04	145	0.500
10-2	10-1 Solid (Blue)	10-1 Solid (White)	10-1 Solid (Green)	A007-42-05	A007-60-05	145	0.500
10-3	10-2 Solid (Black, Red)	10-1 Solid (White)	10-1 Solid (Green)	A008-42-00	A008-60-00	181	0.535
10-3	10-2 Solid (Brown, Orange)	10-1 Solid (Gray)	10-1 Solid (Green)	A008-42-01	A008-60-01	181	0.535
10-3	10-2 Solid (Orange, Yellow)	10-1 Solid (Gray)	10-1 Solid (Green)	A008-42-02	A008-60-02	181	0.535
10-3	10-2 Solid (Brown, Yellow)	10-1 Solid (Gray)	10-1 Solid (Green)	A008-42-03	A008-60-03	181	0.535
10-3	10-2 Solid (Red, Blue)	10-1 Solid (White)	10-1 Solid (Green)	A008-42-04	A008-60-04	181	0.535
10-3	10-2 Solid (Black, Blue)	10-1 Solid (White)	10-1 Solid (Green)	A008-42-05	A008-60-05	181	0.535
10-4	10-3 Solid (Black, Red, Blue)	10-1 Solid (White)	10-1 Solid (Green)	A009-42-00	A009-60-00	220	0.585
10-4	10-3 Solid (Brown, Orange, Yellow)	10-1 Solid (Gray)	10-1 Solid (Green)	A009-42-01	A009-60-01	220	0.585
Stranded							
14-2	14-1 Stranded (Black)	14-1 Stranded (White)	14-1 Stranded (Green)	A055-42-00	A055-60-00	81	0.415
14-2	14-1 Stranded (Brown)	14-1 Stranded (Gray)	14-1 Stranded (Green)	A055-42-01	A055-60-01	81	0.415
14-3	14-2 Stranded (Black, Red)	14-1 Stranded (White)	14-1 Stranded (Green)	A056-42-00	A056-60-00	99	0.440
14-3	14-2 Stranded (Brown, Orange)	14-1 Stranded (Gray)	14-1 Stranded (Green)	A056-42-01	A056-60-01	99	0.440
14-4	14-3 Stranded (Black, Red, Blue)	14-1 Stranded (White)	14-1 Stranded (Green)	A057-42-00	A057-60-00	118	0.460
14-4	14-3 Stranded (Brown, Orange, Yellow)	14-1 Stranded (Gray)	14-1 Stranded (Green)	A057-42-01	A057-60-01	118	0.460
12-2	12-1 Stranded (Black)	12-1 Stranded (White)	12-1 Stranded (Green)	A058-42-00	A058-60-00	106	0.440
12-2	12-1 Stranded (Brown)	12-1 Stranded (Gray)	12-1 Stranded (Green)	A058-42-01	A058-60-01	106	0.440
12-2	12-1 Stranded (Orange)	12-1 Stranded (Gray)	12-1 Stranded (Green)	A058-42-02	A058-60-02	106	0.440
12-2	12-1 Stranded (Yellow)	12-1 Stranded (Gray)	12-1 Stranded (Green)	A058-42-03	A058-60-03	106	0.440
12-2 I.G. ¹	12-1 Stranded (Black)	12-1 Stranded (White)	12-2 Stranded (Green, Green/Yellow)	A059-42-80	A059-60-80	135	0.460
12-3	12-2 Stranded (Black, Red)	12-1 Stranded (White)	12-1 Stranded (Green)	A059-42-00	A059-60-00	135	0.460
12-3	12-2 Stranded (Brown, Orange)	12-1 Stranded (Gray)	12-1 Stranded (Green)	A059-42-01	A059-60-01	135	0.460
12-4	12-3 Stranded (Black, Red, Blue)	12-1 Stranded (White)	12-1 Stranded (Green)	A060-42-00	A060-60-00	156	0.505
12-4	12-3 Stranded (Brown, Orange, Yellow)	12-1 Stranded (Gray)	12-1 Stranded (Green)	A060-42-01	A060-60-01	156	0.505
10-2	10-1 Stranded (Black)	10-1 Stranded (White)	10-1 Stranded (Green)	A061-42-00	A061-60-00	152	0.510
10-2	10-1 Stranded (Brown)	10-1 Stranded (Gray)	10-1 Stranded (Green)	A061-42-01	A061-60-01	152	0.510
10-2	10-1 Stranded (Orange)	10-1 Stranded (Gray)	10-1 Stranded (Green)	A061-42-02	A061-60-02	152	0.510
10-2	10-1 Stranded (Yellow)	10-1 Stranded (Gray)	10-1 Stranded (Green)	A061-42-03	A061-60-03	152	0.510

Continues on next page

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							
10-3	10-2 Stranded (Black, Red)	10-1 Stranded (White)	10-1 Stranded (Green)	A062-42-00	A062-60-00	191	0.550
10-3	10-2 Stranded (Brown, Orange)	10-1 Stranded (Gray)	10-1 Stranded (Green)	A062-42-01	A062-60-01	191	0.550
10-4	10-3 Stranded (Black, Red, Blue)	10-1 Stranded (White)	10-1 Stranded (Green)	A063-42-00	A063-60-00	232	0.595
10-4	10-3 Stranded (Brown, Orange, Yellow)	10-1 Stranded (Gray)	10-1 Stranded (Green)	A063-42-01	A063-60-01	232	0.595

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.

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

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/1000ft)	(in)
Solid							
12-2	12-1 Solid (Black)	12-1 Solid (White)	12-1 Solid (Green)	A004-93-00	2500	103	0.440
12-2	12-1 Solid (Brown)	12-1 Solid (Gray)	12-1 Solid (Green)	A004-93-01	2500	103	0.440
12-3	12-2 Solid (Black, Red)	12-1 Solid (White)	12-1 Solid (Green)	A005-92-00	2000	130	0.460
12-3	12-2 Solid (Brown, Orange)	12-1 Solid (Gray)	12-1 Solid (Green)	A005-92-01	2000	130	0.460
10-2	10-1 Solid (Black)	10-1 Solid (White)	10-1 Solid (Green)	A007-91-00	1500	145	0.500
10-2	10-1 Solid (Brown)	10-1 Solid (Gray)	10-1 Solid (Green)	A007-91-01	1500	145	0.500
10-3	10-2 Solid (Black, Red)	10-1 Solid (White)	10-1 Solid (Green)	A008-90-00	1000	181	0.535
10-3	10-2 Solid (Brown, Orange)	10-1 Solid (Gray)	10-1 Solid (Green)	A008-90-01	1000	181	0.535
10-4	10-3 Solid (Black, Red, Blue)	10-1 Solid (White)	10-1 Solid (Green)	A009-90-00	1000	220	0.585
10-4	10-3 Solid (Brown, Orange, Yellow)	10-1 Solid (Gray)	10-1 Solid (Green)	A009-90-01	1000	220	0.585
Stranded							
12-2	12-1 Stranded (Black)	12-1 Stranded (White)	12-1 Stranded (Green)	A058-92-00	2000	106	0.440
12-2	12-1 Stranded (Brown)	12-1 Stranded (Gray)	12-1 Stranded (Green)	A058-92-01	2000	106	0.440
12-3	12-2 Stranded (Black, Red)	12-1 Stranded (White)	12-1 Stranded (Green)	A059-91-00	1500	135	0.460
12-3	12-2 Stranded (Brown, Orange)	12-1 Stranded (Gray)	12-1 Stranded (Green)	A059-91-01	1500	135	0.460

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.

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)	A004-76-00	6000	103	0.440
12-2	12-1 Solid (Brown)	12-1 Solid (Gray)	12-1 Solid (Green)	A004-76-01	6000	103	0.440
12-3	12-1 Solid (Black, Red)	12-1 Solid (White)	12-1 Solid (Green)	A005-76-00	6000	130	0.460

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.



Scan here for
the Electrical
Cables Catalog