

Armor

- Interlocked Aluminum

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. Design Patent D935,731 | D996,374



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

Continued 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
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

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

¹I.G. = Isolated Ground, an additional insulated green copper grounding conductor with yellow marker