AC-90®

Interlocked Galvanized Steel Armor

Armor
- Interlocked Galvanized Steel Strip Color-Coded Black with ColorSpec® ID/ColorTrak® ID

Conductors
- Solid or Stranded Copper

Conductor Insulation
- THHN w/ Moisture-Resistant, Fire-Retardant Paper Wrap

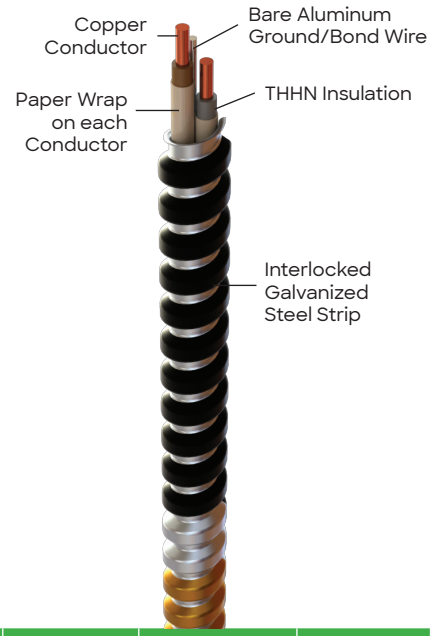
Neutral Conductor
- White 120/208V
- Gray 277/480V

Grounding
- Combined Armor and 16AWG Aluminum Ground/Bond Wire

Maximum Voltage Rating
- 600V

Maximum Temperature Rating
- 90°C (Dry) Type ACTHH

References & Ratings
- UL 4, 83, 1479, 1581, 2556, File Reference E7330
- NEC® 250.118(A)(8), 300.22(C), 392, 320, 645
- NEC® 300.22(C) Environmental Air Handling Spaces (Plenum)
- 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
- Made in USA of US and/or imported materials



Conductor				Product Code		Length		Approx. Weight	Approx. Armor O.D.
Trade Size	Phase Conductor AWG (Color)	Neutral Conductor AWG2 (Color)	Bare Alum. Ground/ Bond Wire AWG	Coil	Reel	Coil (ft)	Reel (ft)	(lb/1000ft)	(in)
Solid									
14-2	14-1 Solid (Black)	14-1 Solid (White)	16-1 Solid	1401N42-00	1401N60-00	250	1000	185	0.485
14-3	14-2 Solid (Black, Red)	14-1 Solid (White)	16-1 Solid	1402N42-00	1402N60-00	250	1000	209	0.502
14-4	14-3 Solid (Black, Red, Blue)	14-1 Solid (White)	16-1 Solid	1403N42-00	1403N60-00	250	1000	238	0.533
12-2	12-1 Solid (Black)	12-1 Solid (White)	16-1 Solid	1404N42-00	1404N60-00	250	1000	213	0.525
12-2	12-1 Solid (Brown)	12-1 Solid (Gray)	16-1 Solid	1404N42-01	1404N60-01	250	1000	213	0.525
12-2	12-1 Solid (Orange)	12-1 Solid (Gray)	16-1 Solid	1404N42-02	1404N60-02	250	1000	213	0.525
12-2	12-1 Solid (Yellow)	12-1 Solid (Gray)	16-1 Solid	1404N42-03	1404N60-03	250	1000	213	0.525
12-3	12-2 Solid (Black, Red)	12-1 Solid (White)	16-1 Solid	1405N42-00	1405N60-00	250	1000	247	0.545
12-3	12-2 Solid (Brown, Orange)	12-1 Solid (Gray)	16-1 Solid	1405N42-01	1405N60-01	250	1000	247	0.545
12-4	12-3 Solid (Black, Red, Blue)	12-1 Solid (White)	16-1 Solid	1406N42-00	1406N60-00	250	1000	291	0.581
10-2	10-1 Solid (Black)	10-1 Solid (White)	16-1 Solid	1407N42-00	1407N60-00	250	1000	250	0.585
10-3	10-2 Solid (Black, Red)	10-1 Solid (White)	16-1 Solid	1408N32-00	1408N60-00	125	1000	306	0.600
10-3	10-2 Solid (Black, Red)	10-1 Solid (White)	16-1 Solid	1408N42-00	—	250	—	306	0.600
10-4	10-3 Solid (Black, Red, Blue)	10-1 Solid (White)	16-1 Solid	1409N42-00	1409N60-00	250	1000	367	0.654

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.