

## Type AC-Lite® Aluminum Armored Cable

### (120/208V Colors & 277/480V Colors) Technical Specifications Plain Armor

#### Armor

Interlocked Aluminum Strip

#### Conductors

Solid or Stranded Copper

#### Conductor Insulation

THHN

#### Conductor Insulation Covering

Moisture Resistant Fire Retardant Paper Wrap

#### Maximum Temperature Rating

90°C (Dry) Type ACTHH

#### Grounding

16AWG Integral Bond Wire/Armor Combination

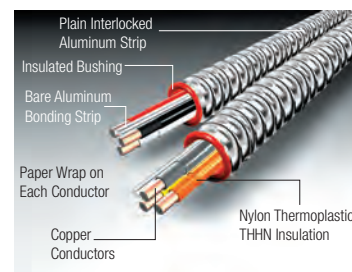
#### Neutral Conductor

White 120/208V

Gray 277/480V

#### Maximum Voltage Rating

600V



AC CABLES

#### References & Ratings

- UL 4, 83, 1479, 1581, 2556, File Reference E7330
- NEC® 250.118(8), 300.22(C), 392, 320, 645
- Federal Specification A-A-59544 (formerly J-C-30B)
- Meets all applicable OSHA and HUD Requirements
- Cable Tray Rated, install per NEC®
- UL Classified 1, 2, and 3 hour through (Fire) penetration product, R14141
- Environmental Air-Handling Space Installation per NEC® 300.22(C)
- Aluminum armored cables are RoHS Compliant
- Made in USA of US and/or imported materials

| Product Code No.  |             | Trade Size                             | Length (ft) |      | Approx. Weight/<br>1,000ft (lbs) | Approx. Armor O.D.<br>(in) |
|-------------------|-------------|----------------------------------------|-------------|------|----------------------------------|----------------------------|
| Coil              | Reel        |                                        | Coil        | Reel |                                  |                            |
| 120/208V Solid    |             |                                        |             |      |                                  |                            |
| 2701-42-00        | 2701-60-00  | 14-2 Solid (Black, White)              | 250         | 1000 | 84                               | 0.485                      |
| 2702-42-00        | 2702-60-00  | 14-3 Solid (Black, Red, White)         | 250         | 1000 | 100                              | 0.453                      |
| 2703-42-00        | 2703-60-00  | 14-4 (Black, Red, Blue, White)         | 250         | 1000 | 120                              | 0.486                      |
| 2704-42-00        | 2704-60-00  | 12-2 Solid (Black, White)              | 250         | 1000 | 104                              | 0.514                      |
| 2705-42-00        | 2705-60-00  | 12-3 Solid (Black, Red, White)         | 250         | 1000 | 133                              | 0.535                      |
| 2706-42-00        | 2706-60-00  | 12-4 (Black, Red, Blue, White)         | 250         | 1000 | 279                              | 0.581                      |
| 2707-42-00        | 2707-60-00  | 10-2 Solid (Black, White)              | 250         | 1000 | 143                              | 0.585                      |
| 2708-42-00        | 2708-60-00  | 10-3 Solid (Black, Red, White)         | 250         | 1000 | 187                              | 0.610                      |
| 2709-42-00        | 2709-60-00  | 10-4 (Black, Red, Blue, White)         | 250         | 1000 | 232                              | 0.653                      |
| 120/208V Stranded |             |                                        |             |      |                                  |                            |
| 2715-40-00        | 2715-45-00  | 8-2 Stranded (Black, White)            | 200         | 500  | 214                              | 0.755                      |
| 2716-40-00        | 2716-45-00  | 8-3 Stranded (Red, White)              | 200         | 500  | 285                              | 0.789                      |
| 2717-32-00        | 2717-45-00  | 8-4 Stranded (Black, Red, Blue, White) | 125         | 500  | 400                              | 0.864                      |
| 2719-32-00        | 2719-45-00  | 6-2 Stranded (Black, White)            | 125         | 500  | 552                              | 0.951                      |
| 2720-32-00        | 2720-45-00  | 6-3 Stranded (Black, Red, White)       | 125         | 500  | 437                              | 0.875                      |
| 2721-30-00        | 2721-45-00  | 6-4 Stranded (Black, Red, Blue, White) | 100         | 500  | 329                              | 0.835                      |
| 2724-30-00        | 2724-45-00  | 4-3 Stranded (Black, Red, White)       | 100         | 500  | 635                              | 0.975                      |
| 2725-30-00        | 2725-45-00  | 4-4 Stranded (Black, Red, Blue, White) | 100         | 500  | 812                              | 1.062                      |
| 2728-30-00        | 2728-45-00  | 3-3 Stranded (Black, Red, White)       | 100         | 500  | 765                              | 1.028                      |
| 2729-30-00        | 2729-45-00  | 3-4 Stranded (Black, Red, Blue, White) | 100         | 500  | 1004                             | 1.173                      |
| 2726-30-00        | 2726-45-00  | 2-3 Stranded (Black, Red, White)       | 100         | 500  | 909                              | 1.093                      |
| 2727-30-00        | 2727-45-00  | 2-4 Stranded (Black, Red, Blue, White) | 100         | 500  | 1173                             | 1.195                      |
| 277/480V Solid    |             |                                        |             |      |                                  |                            |
| 2704N42-01*       | 2704N60-01* | 12-2 Solid (Brown, Gray)               | 250         | 1000 | 104                              | 0.514                      |
| 2705N42-01*       | 2705N60-01* | 12-3 Solid (Brown, Orange, Gray)       | 250         | 1000 | 133                              | 0.535                      |

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

Not to be used with set screw type fittings or on DC circuits.

\* Subject to minimum orders and lead times, comes with Black stripe and phase ID

Available in Barrels by special order

See page 61 for bond wire termination details.