

Type AC-90[®] 480Y/277V with Color-Trak ID System[®] Cable Technical Specifications

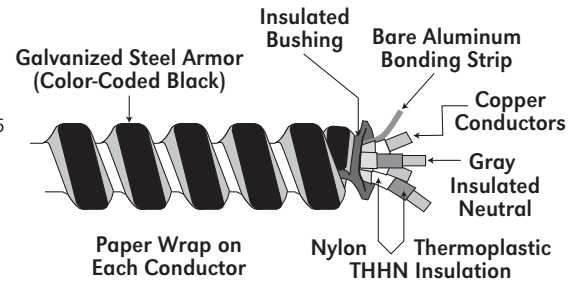


Specification Description








| Specification | AC-90 Color-Trak ID System [®] |
|-------------------------------|---|
| Armor | Galvanized Interlocking Steel Strip (black striped) |
| Conductors | Solid Copper |
| Conductor Insulation | THHN |
| Conductor Insulation Covering | Paper Wrap |
| Maximum Temperature Rating | 90°C (dry) |
| Grounding | 16AWG integral Bond Wire/Armor combination |
| Neutral Conductor | Gray |
| Maximum Voltage Rating | 600V |

References & Ratings

- U.L. 4, 83, 1479, 1581, File Reference E7330
- NEC 250.118, 300.22(C), 392, 320, 645
- Federal Specification A-A-59544 (formerly J-C-30B)
- Meets all applicable OSHA and HUD Requirements
- Cable Tray installations per NEC
- U.L. Classified 1, 2 and 3-hour Through-Penetration Fire Wall File R-14929
- Environmental Air-Handling Space installation



Kaf-Tech's Color-Trak ID System[®]

| | | | |
|---|---|---|--|
|  | Additional brown stripe denotes 2 conductor cable (brown conductor) |  | Additional orange and yellow stripes denote 3 conductor cable |
|  | Additional orange stripe denotes 2 conductor cable (orange conductor) |  | Additional brown and yellow stripes denote 3 conductor cable |
|  | Additional yellow stripe denotes 2 conductor cable (yellow conductor) |  | Additional brown, orange and yellow stripes denote 4 conductor cable |
|  | Additional brown and orange stripes denote 3 conductor cable | | |

Product Codes, Trade Sizes, Conductors, Packaging & Product Dimensions

| Product Code | | Trade Size | Length (feet) | | Approx. Weight/1000 Feet (lbs.) | Armor Minimum O.D. (inches) |
|--------------|------------|------------------------------------|---------------|-------|---------------------------------|-----------------------------|
| Coil | Reel | | Coil | Reel | | |
| 1404N42-01 | 1404N60-01 | 12-2 Solid (brown) | 250' | 1000' | 210 | 0.467 |
| 1404N42-02 | 1404N60-02 | 12-2 Solid (orange) | 250' | 1000' | 210 | 0.467 |
| 1404N42-03 | 1404N60-03 | 12-2 Solid (yellow) | 250' | 1000' | 210 | 0.467 |
| 1405N42-01 | 1405N60-01 | 12-3 Solid (brown, orange) | 250' | 1000' | 245 | 0.489 |
| 1405N42-02 | 1405N60-02 | 12-3 Solid (orange, yellow) | 250' | 1000' | 245 | 0.489 |
| 1405N42-03 | 1405N60-03 | 12-3 Solid (brown, yellow) | 250' | 1000' | 245 | 0.489 |
| 1406N42-01 | 1406N60-01 | 12-4 Solid (brown, orange, yellow) | 250' | 1000' | 290 | 0.520 |
| 1407N32-01 | 1407N60-01 | 10-2 Solid (brown) | 250' | 1000' | 250 | 0.476 |
| 1408N32-01 | 1408N60-01 | 10-3 Solid (brown, orange) | 250' | 1000' | 295 | 0.500 |
| 1409N32-01 | 1409N60-01 | 10-4 Solid (brown, orange, yellow) | 250' | 1000' | 380 | 0.541 |

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

WARNING: DO NOT RE-IDENTIFY CONDUCTOR COLORS.

See page 38 for bond wire termination details.