

HCF-90[®] 120V with Color-Trak ID System[®] Cable Technical Specifications

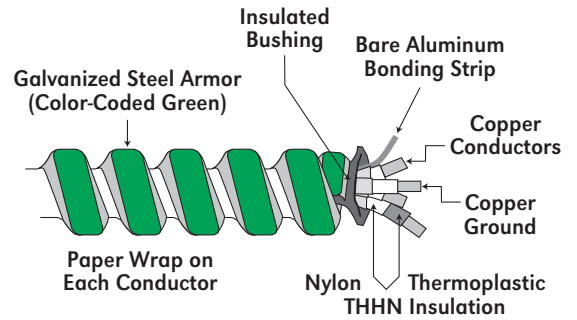


Specification Description

Specification	HCF-90 Color-Trak ID System [®]
Armor	Galvanized Interlocking Steel Strip (green 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 plus insulated green grounding conductor (2 grounding means)
Neutral Conductor	White
Maximum Voltage Rating	600V

References & Ratings

- U.L. 4, 83, 1479, 1581, File Reference E7330
- NEC 250.118, 300.22(C), 392, 320, 517.13, 518, 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 black stripe denotes 2 conductor cable
- Additional red and white stripes denote special 2 conductor cable
- Additional black, and red stripe denotes 3 conductor cable
- Additional light blue and white stripes denote special 2 conductor cable
- Additional black, red and light blue stripes denote 4 conductor cable

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

Product Code	Coil	Reel	Trade Size	Grounding Conductor AWG	Length (feet)		Approx. Weight/1000 Feet (lbs.)	Armor Minimum O.D. (inches)
					Coil	Reel		
Stock Items								
1504G42-00	1504G60-00	1504G60-00	12-2 Solid	12	250'	1000'	220	0.489
1505G42-00	1505G60-00	1505G60-00	12-3 Solid	12	250'	1000'	260	0.520
1506G42-00	1506G60-00	1506G60-00	12-4 Solid	12	250'	1000'	300	0.545
1507G32-00	1507G60-00	1507G60-00	10-2 Solid	10	125'	1000'	290	0.500
1508G32-00	1508G60-00	1508G60-00	10-3 Solid	10	125'	1000'	345	0.541
1509G32-00	1509G60-00	1509G60-00	10-4 Solid	10	125'	1000'	405	0.587
1507G42-00	—	—	10-2 Solid	10	250'	—	290	0.500
1508G42-00	—	—	10-3 Solid	10	250'	—	345	0.541
1509G42-00	—	—	10-4 Solid	10	250'	—	405	0.587
Specialty Colors								
1504G42-04	1504G60-04	1504G60-04	12-2 Solid (red, white)	12	250'	1000'	220	0.489
1504G42-05	1504G60-05	1504G60-05	12-2 Solid (blue, white)	12	250'	1000'	220	0.489

NOTE: All dimensions and weights are subject to normal manufacturing tolerances.
 Sizes 14 AWG, 8 AWG, & larger available by special order and subject to lead time and minimum quantities.

WARNING: DO NOT RE-IDENTIFY CONDUCTOR COLORS.

**Emergency circuits require special consideration in healthcare settings.
 Review NEC 517.30 (C)(3)(3) for guidance on the use of HCF cables on emergency circuits.**

See page 38 for bond wire termination details.