

PFA 250°C 600V UL Type PFAH

Flexible UL/NEC Approved Lead Wire, Temp Rating 250°C

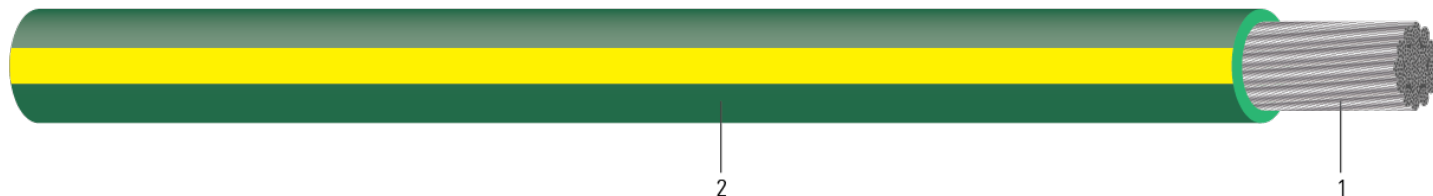


Image not to scale. See Table 1 for dimensions.

CONSTRUCTION:

1. **Conductor:** Stranded tinned, annealed nickel plated copper per ASTM B33
2. **Insulation:** Extruded PFA fluoropolymer

APPLICATIONS AND FEATURES:

Dry locations only. Only for leads within apparatus or within raceways connected to apparatus (nickel or nickel-coated copper only).

Excellent chemical resistance, excellent resistance to fluids, and low coefficient of friction makes installation easier. Flexible. Good mechanical strength. Available in all colors.

SPECIFICATIONS:

- ASTM B33 Standard Specification for Tin-Coated Soft or Annealed Copper Wire
- UL AWM Appliance wire approvals as listed in Table 1
- CSA AWM I A/B FT1
- RoHS-3 Complies with European Directive 2015/863



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Table 1 – Weights and Measurements

| Stock Number | Cond. Size AWG/Kcmil | Cond. Strands strand | Insul. Thickness mil | Approx. OD inch | Approx. Weight lb/1000ft | Temp. Rating °C | Standard (UL or other) Style/Type |
|--------------|-------------------------|-------------------------|-------------------------|--------------------|-----------------------------|--------------------|--------------------------------------|
| CP146H | 14 | 19/.0147 | 20 | 0.110 | 17 | 250 | NEC Style PFAH |
| CP126H | 12 | 19/.0186 | 20 | 0.130 | 25 | 250 | NEC Style PFAH |
| CP106H | 10 | 37/.0159 | 20 | 0.145 | 35 | 250 | NEC Style PFAH |
| CP086H | 8 | 133/.0111 | 30 | 0.230 | 70 | 250 | NEC Style PFAH |
| CP066H | 6 | 133/.0141 | 30 | 0.270 | 95 | 250 | NEC Style PFAH |
| CP046H | 4 | 133/.0177 | 30 | 0.325 | 160 | 250 | NEC Style PFAH |
| CP026H | 2 | 133/.0223 | 30 | 0.395 | 235 | 250 | NEC Style PFAH |
| CP016H | 1 | 259/.0177 | 45 | 0.470 | 320 | 250 | NEC Style PFAH |
| CP1T6H | 1/0 | 259/.0202 | 45 | 0.515 | 400 | 250 | NEC Style PFAH |
| CP2T6H | 2/0 | 259/.0229 | 45 | 0.570 | 495 | 250 | NEC Style PFAH |
| CP3T6H | 3/0 | 259/.0255 | 45 | 0.610 | 565 | 250 | NEC Style PFAH |
| CP4T6H | 4/0 | 259/.0286 | 45 | 0.690 | 730 | 250 | NEC Style PFAH |

All dimensions are nominal and subject to normal manufacturing tolerances
 ◇ Cable marked with this symbol is a standard stock item
 Dimensions and weights for other cable configurations are available upon request.

Table 2 – Weights and Measurements (Metric)

| Stock Number | Cond. Size AWG/Kcmil | Cond. Strands strand | Insul. Thickness mm | Approx. OD mm | Approx. Weight kg/km | Temp. Rating °C | Standard (UL or other) Style/Type |
|--------------|-------------------------|-------------------------|------------------------|------------------|-------------------------|--------------------|--------------------------------------|
| CP146H | 14 | 19/.0147 | 0.51 | 2.79 | 25 | 250 | NEC Style PFAH |
| CP126H | 12 | 19/.0186 | 0.51 | 3.30 | 37 | 250 | NEC Style PFAH |
| CP106H | 10 | 37/.0159 | 0.51 | 3.68 | 52 | 250 | NEC Style PFAH |
| CP086H | 8 | 133/.0111 | 0.76 | 5.84 | 104 | 250 | NEC Style PFAH |
| CP066H | 6 | 133/.0141 | 0.76 | 6.86 | 141 | 250 | NEC Style PFAH |
| CP046H | 4 | 133/.0177 | 0.76 | 8.25 | 238 | 250 | NEC Style PFAH |
| CP026H | 2 | 133/.0223 | 0.76 | 10.03 | 350 | 250 | NEC Style PFAH |
| CP016H | 1 | 259/.0177 | 1.14 | 11.94 | 476 | 250 | NEC Style PFAH |
| CP1T6H | 1/0 | 259/.0202 | 1.14 | 13.08 | 595 | 250 | NEC Style PFAH |
| CP2T6H | 2/0 | 259/.0229 | 1.14 | 14.48 | 737 | 250 | NEC Style PFAH |
| CP3T6H | 3/0 | 259/.0255 | 1.14 | 15.49 | 841 | 250 | NEC Style PFAH |
| CP4T6H | 4/0 | 259/.0286 | 1.14 | 17.53 | 1086 | 250 | NEC Style PFAH |

