

PFA 250°C 600V UL 1727

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

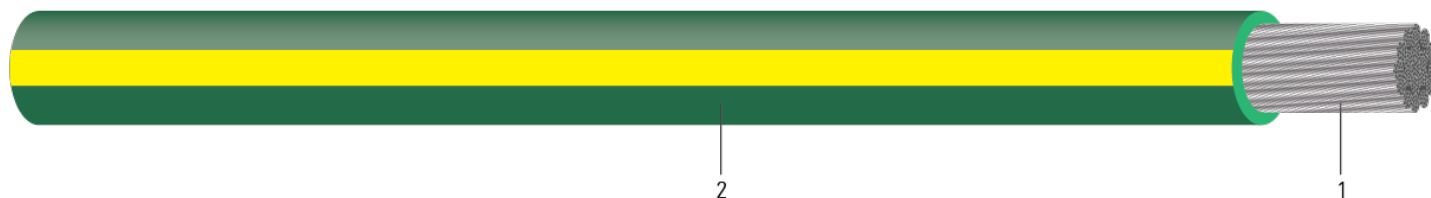


Image not to scale. See Table 1 for dimensions.

CONSTRUCTION:

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

APPLICATIONS AND FEATURES:

Used for wiring of electric heaters, appliances, thermocouples, gas igniters, electrical and electronic components and other products that require a temperature rating up to 250° C.

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 |
|--------------|-------------------------|-------------------------|-------------------------|--------------------|-----------------------------|--------------------|--------------------------------------|
| CP246A | 24 | 7/.008 | 20 | 0.055 | 4 | 250 | 1727 |
| CP226A | 22 | 10/.0058 | 20 | 0.070 | 5 | 250 | 1727 |
| CP206A | 20 | 19/.0073 | 20 | 0.080 | 7 | 250 | 1727 |
| CP186A | 18 | 19/.0092 | 20 | 0.090 | 10 | 250 | 1727 |
| CP166A | 16 | 19/.0117 | 20 | 0.100 | 13 | 250 | 1727 |
| CP146A | 14 | 19/.0147 | 20 | 0.110 | 17 | 250 | 1727 |
| CP126A | 12 | 19/.0185 | 20 | 0.130 | 25 | 250 | 1727 |
| CP106A | 10 | 37/.0159 | 20 | 0.145 | 35 | 250 | 1727 |
| CP086A | 8 | 133/.0111 | 30 | 0.230 | 70 | 250 | 1727 |
| CP066A | 6 | 133/.0141 | 30 | 0.270 | 105 | 250 | 1727 |
| CP046A | 4 | 133/.0177 | 30 | 0.325 | 160 | 250 | 1727 |
| CP026A | 2 | 133/.0223 | 30 | 0.395 | 235 | 250 | 1727 |
| CP016A | 1 | 259/.0177 | 45 | 0.470 | 320 | 250 | 1727 |
| CP1T6A | 1/0 | 259/.0202 | 45 | 0.515 | 400 | 250 | 1727 |
| CP2T6A | 2/0 | 259/.0229 | 45 | 0.570 | 495 | 250 | 1727 |
| CP3T6A | 3/0 | 259/.0255 | 45 | 0.610 | 565 | 250 | 1727 |
| CP4T6A | 4/0 | 259/.0286 | 45 | 0.690 | 730 | 250 | 1727 |

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 |
|--------------|-------------------------|-------------------------|------------------------|------------------|-------------------------|--------------------|--------------------------------------|
| CP246A | 24 | 7/.008 | 0.51 | 1.40 | 6 | 250 | 1727 |
| CP226A | 22 | 10/.0058 | 0.51 | 1.78 | 7 | 250 | 1727 |
| CP206A | 20 | 19/.0073 | 0.51 | 2.03 | 10 | 250 | 1727 |
| CP186A | 18 | 19/.0092 | 0.51 | 2.29 | 15 | 250 | 1727 |
| CP166A | 16 | 19/.0117 | 0.51 | 2.54 | 19 | 250 | 1727 |
| CP146A | 14 | 19/.0147 | 0.51 | 2.79 | 25 | 250 | 1727 |
| CP126A | 12 | 19/.0185 | 0.51 | 3.30 | 37 | 250 | 1727 |
| CP106A | 10 | 37/.0159 | 0.51 | 3.68 | 52 | 250 | 1727 |
| CP086A | 8 | 133/.0111 | 0.76 | 5.84 | 104 | 250 | 1727 |
| CP066A | 6 | 133/.0141 | 0.76 | 6.86 | 156 | 250 | 1727 |
| CP046A | 4 | 133/.0177 | 0.76 | 8.25 | 238 | 250 | 1727 |
| CP026A | 2 | 133/.0223 | 0.76 | 10.03 | 350 | 250 | 1727 |
| CP016A | 1 | 259/.0177 | 1.14 | 11.94 | 476 | 250 | 1727 |
| CP1T6A | 1/0 | 259/.0202 | 1.14 | 13.08 | 595 | 250 | 1727 |
| CP2T6A | 2/0 | 259/.0229 | 1.14 | 14.48 | 737 | 250 | 1727 |
| CP3T6A | 3/0 | 259/.0255 | 1.14 | 15.49 | 841 | 250 | 1727 |
| CP4T6A | 4/0 | 259/.0286 | 1.14 | 17.53 | 1086 | 250 | 1727 |

