# PFA 250°C 300V UL 1726

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

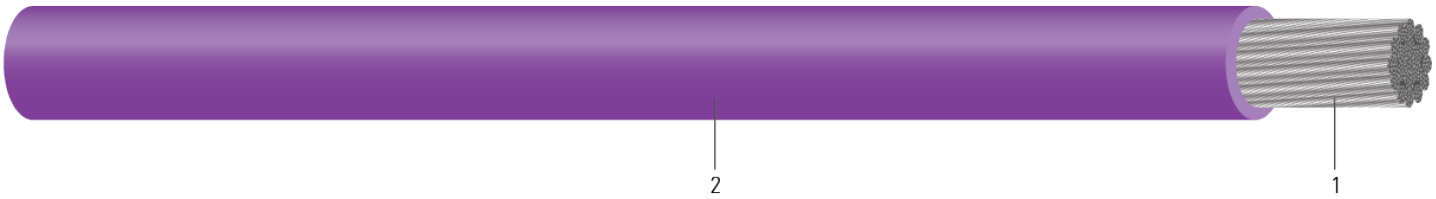



Image not to scale. See Table 1 for dimensions.

## 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



Copyright © 2024 Southwire Company, LLC. All Rights Reserved

## Table 1 – Weights and Measurements

| Stock Number | Cond. Size | Cond. Strands | Insul. Thickness | Approx. OD | Approx. Weight | Temp. Rating | Standard (UL or other) |
|---|---|---|---|---|---|---|---|
| | AWG/Kcmil | strand | mil | inch | lb/1000ft | °C | Style/Type |
| CP243A | 24 | 7/.008 | 13 | 0.050 | 4 | 250 | 1726 |
| CP223A | 22 | 10/.0058 | 13 | 0.055 | 5 | 250 | 1726 |
| CP203A | 20 | 19/.0073 | 13 | 0.065 | 7 | 250 | 1726 |
| CP183A | 18 | 19/.0092 | 13 | 0.075 | 10 | 250 | 1726 |
| CP163A | 16 | 19/.0117 | 13 | 0.085 | 13 | 250 | 1726 |
| CP143A | 14 | 19/.0147 | 13 | 0.110 | 16 | 250 | 1726 |
| CP123A | 12 | 19/.0185 | 13 | 0.115 | 22 | 250 | 1726 |
| CP103A | 10 | 37/.0159 | 13 | 0.145 | 32 | 250 | 1726 |
| CP083A | 8 | 133/.0111 | 20 | 0.210 | 64 | 250 | 1726 |
| CP063A | 6 | 133/.0141 | 20 | 0.250 | 97 | 250 | 1726 |
| CP043A | 4 | 133/.0177 | 30 | 0.325 | 160 | 250 | 1726 |
| CP023A | 2 | 133/.0223 | 30 | 0.395 | 235 | 250 | 1726 |
| CP013A | 1 | 259/.0177 | 45 | 0.470 | 320 | 250 | 1726 |
| CPIT3A | 1/0 | 259/.0202 | 45 | 0.515 | 400 | 250 | 1726 |
| CPT23A | 2/0 | 259/.0229 | 45 | 0.570 | 495 | 250 | 1726 |
| CP3T3A | 3/0 | 259/.0255 | 45 | 0.610 | 565 | 250 | 1726 |
| CP4T3A | 4/0 | 259/.0286 | 45 | 0.690 | 730 | 250 | 1726 |

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 | Cond. Strands | Insul. Thickness | Approx. OD | Approx. Weight | Temp. Rating | Standard (UL or other) |
|---|---|---|---|---|---|---|---|
| | AWG/Kcmil | strand | mm | mm | kg/km | °C | Style/Type |
| CP243A | 24 | 7/.008 | 0.33 | 1.27 | 6 | 250 | 1726 |
| CP223A | 22 | 10/.0058 | 0.33 | 1.40 | 7 | 250 | 1726 |
| CP203A | 20 | 19/.0073 | 0.33 | 1.65 | 10 | 250 | 1726 |
| CP183A | 18 | 19/.0092 | 0.33 | 1.90 | 15 | 250 | 1726 |
| CP163A | 16 | 19/.0117 | 0.33 | 2.16 | 19 | 250 | 1726 |
| CP143A | 14 | 19/.0147 | 0.33 | 2.79 | 24 | 250 | 1726 |
| CP123A | 12 | 19/.0185 | 0.33 | 2.92 | 33 | 250 | 1726 |
| CP103A | 10 | 37/.0159 | 0.33 | 3.68 | 48 | 250 | 1726 |
| CP083A | 8 | 133/.0111 | 0.51 | 5.33 | 95 | 250 | 1726 |
| CP063A | 6 | 133/.0141 | 0.51 | 6.35 | 144 | 250 | 1726 |
| CP043A | 4 | 133/.0177 | 0.76 | 8.25 | 238 | 250 | 1726 |
| CP023A | 2 | 133/.0223 | 0.76 | 10.03 | 350 | 250 | 1726 |
| CP013A | 1 | 259/.0177 | 1.14 | 11.94 | 476 | 250 | 1726 |
| CPIT3A | 1/0 | 259/.0202 | 1.14 | 13.08 | 595 | 250 | 1726 |
| CPT23A | 2/0 | 259/.0229 | 1.14 | 14.48 | 737 | 250 | 1726 |
| CP3T3A | 3/0 | 259/.0255 | 1.14 | 15.49 | 841 | 250 | 1726 |
| CP4T3A | 4/0 | 259/.0286 | 1.14 | 17.53 | 1086 | 250 | 1726 |