



## PFA 250°C 300V UL 1726

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

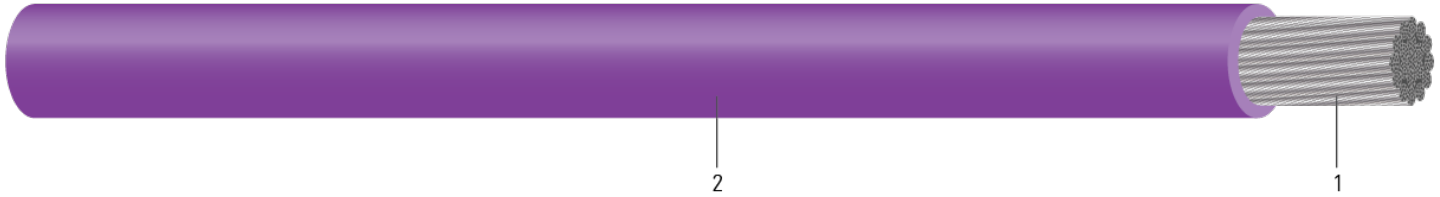


Image not to scale. See Table 1 for dimensions.

### CONSTRUCTION:

1. **Conductor:** Stranded annealed nickel plated copper
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:

- UL AWM Appliance wire approvals as listed in Table 1
- CSA AWM I A/B FT1
- RoHS-3 Complies with European Directive 2015/863




**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             | 13               | 0.050      | 4              | 250          | 1726                   |
| CP223A       | 22         | 10            | 13               | 0.055      | 5              | 250          | 1726                   |
| CP203A       | 20         | 19            | 13               | 0.065      | 7              | 250          | 1726                   |
| CP183A       | 18         | 19            | 13               | 0.075      | 10             | 250          | 1726                   |
| CP163A       | 16         | 19            | 13               | 0.085      | 13             | 250          | 1726                   |
| CP143A       | 14         | 19            | 13               | 0.110      | 16             | 250          | 1726                   |
| CP123A       | 12         | 19            | 13               | 0.115      | 22             | 250          | 1726                   |
| CP103A       | 10         | 37            | 13               | 0.145      | 32             | 250          | 1726                   |
| CP083A       | 8          | 133           | 20               | 0.210      | 64             | 250          | 1726                   |
| CP063A       | 6          | 133           | 20               | 0.250      | 97             | 250          | 1726                   |
| CP043A       | 4          | 133           | 30               | 0.325      | 160            | 250          | 1726                   |
| CP023A       | 2          | 133           | 30               | 0.395      | 235            | 250          | 1726                   |
| CP013A       | 1          | 259           | 45               | 0.470      | 320            | 250          | 1726                   |
| CPIT3A       | 1/0        | 259           | 45               | 0.515      | 400            | 250          | 1726                   |
| CPT23A       | 2/0        | 259           | 45               | 0.570      | 495            | 250          | 1726                   |
| CP3T3A       | 3/0        | 259           | 45               | 0.610      | 565            | 250          | 1726                   |
| CP4T3A       | 4/0        | 259           | 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             | 0.33             | 1.27       | 6              | 250          | 1726                   |
| CP223A       | 22         | 10            | 0.33             | 1.40       | 7              | 250          | 1726                   |
| CP203A       | 20         | 19            | 0.33             | 1.65       | 10             | 250          | 1726                   |
| CP183A       | 18         | 19            | 0.33             | 1.90       | 15             | 250          | 1726                   |
| CP163A       | 16         | 19            | 0.33             | 2.16       | 19             | 250          | 1726                   |
| CP143A       | 14         | 19            | 0.33             | 2.79       | 24             | 250          | 1726                   |
| CP123A       | 12         | 19            | 0.33             | 2.92       | 33             | 250          | 1726                   |
| CP103A       | 10         | 37            | 0.33             | 3.68       | 48             | 250          | 1726                   |
| CP083A       | 8          | 133           | 0.51             | 5.33       | 95             | 250          | 1726                   |
| CP063A       | 6          | 133           | 0.51             | 6.35       | 144            | 250          | 1726                   |
| CP043A       | 4          | 133           | 0.76             | 8.25       | 238            | 250          | 1726                   |
| CP023A       | 2          | 133           | 0.76             | 10.03      | 350            | 250          | 1726                   |
| CP013A       | 1          | 259           | 1.14             | 11.94      | 476            | 250          | 1726                   |
| CPIT3A       | 1/0        | 259           | 1.14             | 13.08      | 595            | 250          | 1726                   |
| CPT23A       | 2/0        | 259           | 1.14             | 14.48      | 737            | 250          | 1726                   |
| CP3T3A       | 3/0        | 259           | 1.14             | 15.49      | 841            | 250          | 1726                   |
| CP4T3A       | 4/0        | 259           | 1.14             | 17.53      | 1086           | 250          | 1726                   |

