



## PFA 250°C 300V UL 1726

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

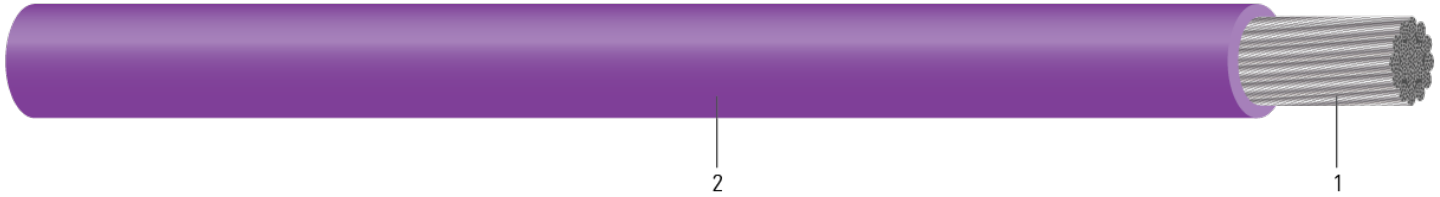


Image not to scale. See Table 1 for dimensions.

### 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<br>AWG/Kcmil | Cond. Strands<br>strand | Insul. Thickness<br>mil | Approx. OD<br>inch | Approx. Weight<br>lb/1000ft | Temp. Rating<br>°C | Standard (UL or other)<br>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<br>AWG/Kcmil | Cond. Strands<br>strand | Insul. Thickness<br>mm | Approx. OD<br>mm | Approx. Weight<br>kg/km | Temp. Rating<br>°C | Standard (UL or other)<br>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                                 |

