

PFA 250°C 600V UL 1727

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

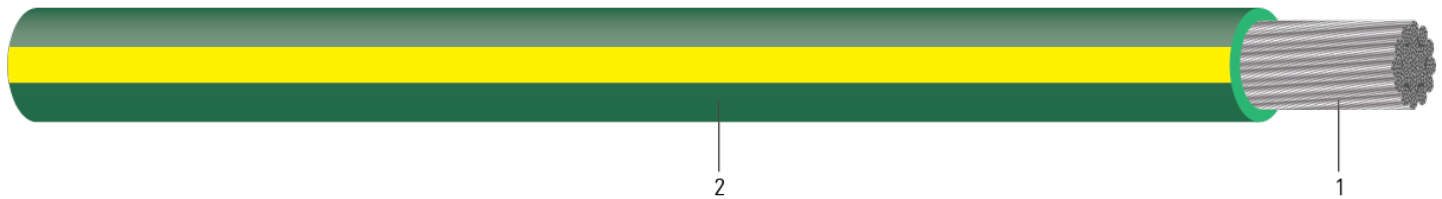


Image not to scale. See Table 1 for dimensions.

CONSTRUCTION:

- Conductor:** Stranded tinned, annealed nickel plated copper per ASTM B33
- 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. 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

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 |
|--------------|-------------------------|-------------------------|-------------------------|--------------------|-----------------------------|--------------------|--------------------------------------|
| CP166A | 16 | 19/.0117 | 20 | 0.100 | 13 | 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 |
|--------------|-------------------------|-------------------------|------------------------|------------------|-------------------------|--------------------|--------------------------------------|
| CP166A | 16 | 19/.0117 | 0.51 | 2.54 | 19 | 250 | 1727 |

