PFA 250°C 600V UL 1727

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

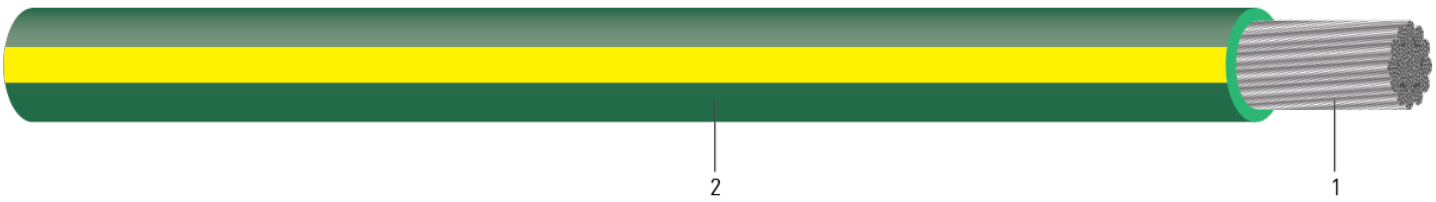


Image not to scale. See Table 1 for dimensions.

CONSTRUCTION:

1. **Conductor:** Stranded 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

Copyright © 2026 Southwire Company, LLC. All Rights Reserved
UPDATED: Dec. 31, 2024, 11:07 p.m.UTC REVISION: 1.000.001

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
CP246A	24	7	20	0.055	4	250	1727
CP226A	22	10	20	0.070	5	250	1727
CP206A	20	19	20	0.080	7	250	1727
CP186A	18	19	20	0.090	10	250	1727
CP166A	16	19	20	0.100	13	250	1727
CP146A	14	19	20	0.110	17	250	1727
CP126A	12	19	20	0.130	25	250	1727
CP106A	10	37	20	0.145	35	250	1727
CP086A	8	133	30	0.230	70	250	1727
CP066A	6	133	30	0.270	105	250	1727
CP046A	4	133	30	0.325	160	250	1727
CP026A	2	133	30	0.395	235	250	1727
CP016A	1	259	45	0.470	320	250	1727
CP1T6A	1/0	259	45	0.515	400	250	1727
CP2T6A	2/0	259	45	0.570	495	250	1727
CP3T6A	3/0	259	45	0.610	565	250	1727
CP4T6A	4/0	259	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.
TBA stock codes are estimations only and actual product may vary. Please wait until a stock code is assigned to purchase connectors and/or fittings.

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
CP246A	24	7	0.51	1.40	6	250	1727
CP226A	22	10	0.51	1.78	7	250	1727
CP206A	20	19	0.51	2.03	10	250	1727
CP186A	18	19	0.51	2.29	15	250	1727
CP166A	16	19	0.51	2.54	19	250	1727
CP146A	14	19	0.51	2.79	25	250	1727
CP126A	12	19	0.51	3.30	37	250	1727
CP106A	10	37	0.51	3.68	52	250	1727
CP086A	8	133	0.76	5.84	104	250	1727
CP066A	6	133	0.76	6.86	156	250	1727
CP046A	4	133	0.76	8.25	238	250	1727
CP026A	2	133	0.76	10.03	350	250	1727
CP016A	1	259	1.14	11.94	476	250	1727
CP1T6A	1/0	259	1.14	13.08	595	250	1727
CP2T6A	2/0	259	1.14	14.48	737	250	1727
CP3T6A	3/0	259	1.14	15.49	841	250	1727
CP4T6A	4/0	259	1.14	17.53	1086	250	1727

Copyright © 2026 Southwire Company, LLC. All Rights Reserved