PFA 250°C 300V UL 1726

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

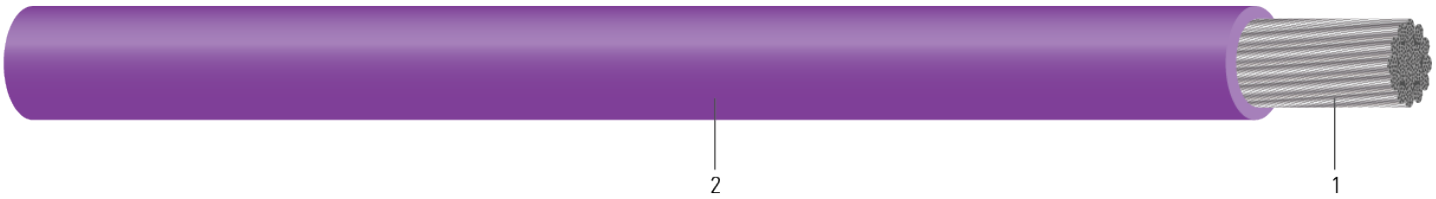


Image not to scale. See Table 1 for dimensions.

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