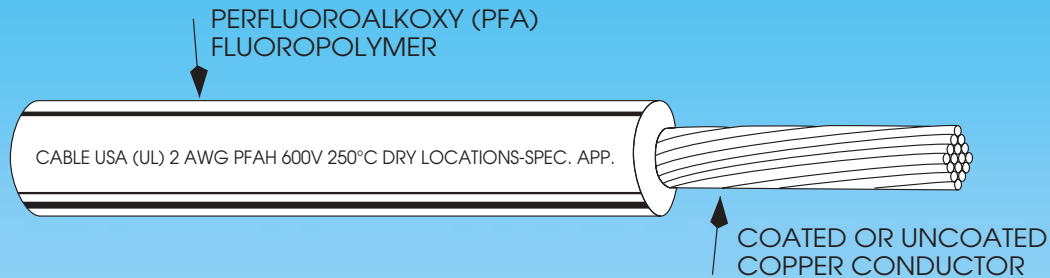


PFA INSULATED BUILDING WIRE (UL) LISTED NEC Types PFA and PFAH 600 Volts



PRODUCT FEATURES:

- PFA and PFAH.
- Chemically inert to nearly all industrial chemicals and solvents.
- Resists ignition in a fire situation, and does not propagate flame.
- Small diameter and flexibility allow for easy, economical installations.
- Superior abrasion resistance helps eliminate cut-through.
- Retains its properties after service at 260°C (500°F) with nickel coated copper conductors, and useful properties at -196°C (-320°F).

COMPONENTS:

- **Conductors:** Solid or stranded coated or uncoated copper conductor per ASTM B-8 or ASTM B-33 latest revision. PFAH nickel or nickel-coated copper only.
- **Primary Insulation:** Perfluoroalkoxy Fluoropolymer (PFA). Fully pigmented insulation offered in bright colors to aid in positive identification. Extruded insulation with a smooth seamless surface.
- **Uses:** In accordance with National Electrical Code Article 310—Conductors for General Wiring. NEC PFA: 90°C dry and damp locations 200°C dry locations where environmental conditions require maximum conductor operating temperatures above 90°C. NEC PFAH: 250°C dry locations only. Only for leads within apparatus or within raceways connected to apparatus (nickel or nickel-coated copper only).
- **Approvals:** (UL) Listed. Passes UL 910 Steiner Tunnel Test for low flame and smoke propagation. Passes IEEE-383 300,000 BTU/HR Flame Test. Passes -65°C cold bend test (2.5 KV/5 minute tank test on 1/4" mandrel).



250°C

High Temperature Custom Engineered Cables

PFA INSULATED BUILDING WIRE (UL) LISTED

NEC Types PFA and PFAH

600 Volts

NEC TYPE PFA

90°C Dry and damp locations
200°C Dry locations—Special Applications. Tin-plated Copper Conductor optional.

Cable USA Part No.	Size		Thickness of Insulations		NOM O.D.		*Ampacity	Approx. Wt.	
	AWG	MM2	Mils	MM	Inches	MM		Lbs./Mft.	Kg/Km
111401C6.PFA	14	2.5	20	.51	.109	2.77	54	19	28
111201C6.PFA	12	4.0	20	.51	.126	3.20	68	25	37
111001C6.PFA	10	6	20	.51	.150	3.81	90	37	55
110801C6.PFA	8	10	30	.76	.223	5.66	124	70	104
110601C6.PFA	6	16	30	.76	.264	6.71	165	103	153
110401C6.PFA	4	25	30	.76	.328	8.33	220	157	233
110301C6.PFA	3	30	30	.76	.370	9.40	252	205	305
110201C6.PFA	2	35	30	.76	.397	10.08	293	251	373
110101C6.PFA	1	50	45	1.14	.472	11.99	344	327	486
111X01C6.PFA	1/0	60	45	1.14	.518	13.16	399	427	635
112X01C6.PFA	2/0	70	45	1.14	.571	14.50	467	509	757
113X01C6.PFA	3/0	95	45	1.14	.579	14.71	546	610	907
114X01C6.PFA	4/0	120	45	1.14	.695	17.65	629	767	1141

NEC TYPE PFAH

250°C Dry locations only. Nickel or Nickel-Plated Copper Only.

CCable USA Part No.	Size		Thickness of Insulations		NOM O.D.		*Ampacity	Approx. Wt.	
	AWG	MM2	Mils	MM	Inches	MM		Lbs./Mft.	Kg/Km
111401C6.PFH	14	2.5	20	.51	.109	2.77	59	19	28
111201C6.PFH	12	4.0	20	.51	.126	3.20	78	25	37
111001C6.PFH	10	6	20	.51	.150	3.81	107	37	55
110801C6.PFH	8	10	30	.76	.223	5.66	142	70	104
110601C6.PFH	6	16	30	.76	.264	6.71	205	103	153
110401C6.PFH	4	25	30	.76	.328	8.33	278	157	233
110301C6.PFH	3	30	30	.76	.370	9.40	327	205	305
110201C6.PFH	2	35	30	.76	.397	10.08	381	251	373
110101C6.PFH	1	50	45	1.14	.472	11.99	440	327	486
111X01C6.PFH	1/0	60	45	1.14	.518	13.16	532	427	635
112X01C6.PFH	2/0	70	45	1.14	.571	14.50	591	509	757
113X01C6.PFH	3/0	95	45	1.14	.579	14.71	708	610	907
114X01C6.PFH	4/0	120	45	1.14	.695	17.65	830	767	1141

* Ampacity based on single conductor in free air, ambient temperature of 40°C (104°F) & conductor at maximum rating.

Cable USA, Inc.

2584 So. Horseshoe Dr. / Naples, Florida 34104-6131 / (239) 643-6400 / Fax (239) 643-4230
World Wide Web: <http://www.cableusainc.com> / E-mail: sales@cableusa.cc