

250C/600V

PFA/PFA
HIGH-TEMPERATURE CABLE

RATINGS / APPROVALS

250°C — 600 Volts

Passes the IEEE-383 Vertical Cable Tray Flame Test

Passes UL VW-1 Flame Test

RoHS Compliant

CONSTRUCTION

Conductors

22 AWG — 2 AWG

Nickel Plated Copper 2%

Insulating System

Colored extruded perfluoroalkoxy (PFA) fluoropolymer insulation.

K-2 color code. (Unless specified)

Overall Binder Tapes

Nomex®

Outer Covering

Extruded perfluoroalkoxy (PFA) fluoropolymer outer jacket.

Standard Color

Black (Colors available)

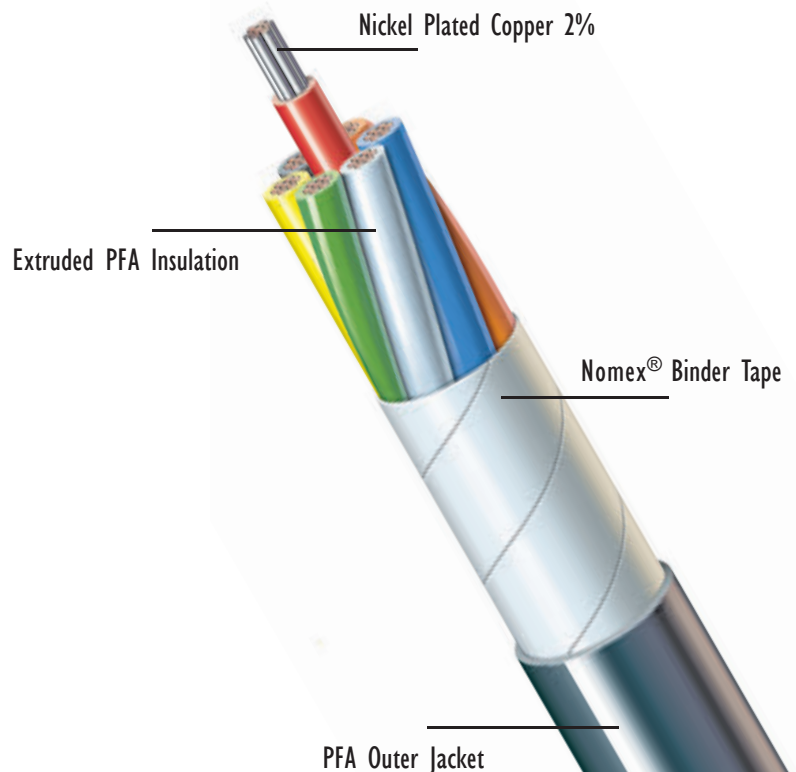
CHARACTERISTICS

- PFA leads have outstanding chemical, fluid, age, and ozone resistance.
- Fillers, where needed, are made with flame impervious fibers with moisture repellent finish.
- Cable utilizes Radix “Torque Free” design. This eliminates memory found in traditional right hand or left hand twisted cables.
- Small diameter.

APPLICATION

Multiple conductor cables insulated and jacket with PFA Teflon® are widely used where small O.D. is required in industrial high temperature applications where resistance to abrasion and mechanical abuse coupled with moisture or fluid resistance are desired. This wire is widely used in steel and glass plants, as well as high temperature locations near boilers, steam lines and in chemical processing plants. Use above or below grade in raceway, tray, or conduit.

Nomex® is a registered trademark of DuPont.



Radix™

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Radix Wire
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PFA/PFA 250C/600V

Part No.	Awg. Size	# Strands	# Leads	Outer Dia. inches	Outer Dia. mm	Wgt - lbs per 1000 ft.	Wgt - kg per km
GGI8GP02A	18	19	2	0.186	4.72	26.04	38.75
GGI8GP03A	18	19	3	0.198	5.03	34.94	52.00
GGI8GP04A	18	19	4	0.217	5.51	41.80	62.21
GGI8GP05A	18	19	5	0.240	6.10	51.16	76.14
GGI8GP06A	18	19	6	0.264	6.71	60.52	90.07
GGI6GP02A	16	26	2	0.211	5.36	34.55	51.42
GGI6GP03A	16	26	3	0.225	5.72	47.29	70.38
GGI6GP04A	16	26	4	0.247	6.27	58.05	86.39
GGI6GP05A	16	26	5	0.274	6.96	73.67	109.64
GGI6GP06A	16	26	6	0.307	7.80	89.61	133.36
GGI4GP02A	14	41	2	0.242	6.15	48.58	72.30
GGI4GP03A	14	41	3	0.257	6.53	66.08	98.34
GGI4GP04A	14	41	4	0.289	7.34	85.33	126.99
GGI4GP05A	14	41	5	0.321	8.15	107.24	159.60
GGI4GP06A	14	41	6	0.352	8.94	126.80	188.71
GGI2GP02A	12	65	2	0.282	7.16	70.15	104.40
GGI2GP03A	12	65	3	0.301	7.65	96.78	144.03
GGI2GP04A	12	65	4	0.331	8.41	122.83	182.80
GGI2GP05A	12	65	5	0.368	9.35	153.86	228.98
GGI2GP06A	12	65	6	0.404	10.26	182.55	271.68
GGI0GP02A	10	105	2	0.337	8.56	103.74	154.39
GGI0GP03A	10	105	3	0.360	9.14	145.45	216.46
GGI0GP04A	10	105	4	0.397	10.08	185.54	276.13
GGI0GP05A	10	105	5	0.442	11.23	231.84	345.03
GGI0GP06A	10	105	6	0.497	12.62	283.01	421.19

Standard conductor: Nickel Plated Copper 2%
Consult factory for alternate conductor and stranding options.

All dimensions listed above are nominal.

Information included in this catalog is intended as a guideline only. For applications that require tight tolerances, please contact the Radix factory for dimensional verification. Information herein is believed to be accurate as of publication date; however, if an error exists it is unintentional and Radix Wire is not responsible for any claim traceable to such error.



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