

250C/10KVDC

250C/25KVDC • 250C/30KVDC

UL 1911 PFA High Volt 250

HIGH-VOLTAGE LEAD WIRE



RATINGS / APPROVALS

250°C - 10 KVDC - UL Style 1911

250°C - 25 KVDC - UL Style 1911

250°C - 30 KVDC - UL Style 1911

VW-I Rated

RoHS Compliant

CONSTRUCTION

Conductors

24 AWG - 10 AWG

Stranded Nickel-Plated Copper - 2%

(Other conductor materials available)

Insulating System

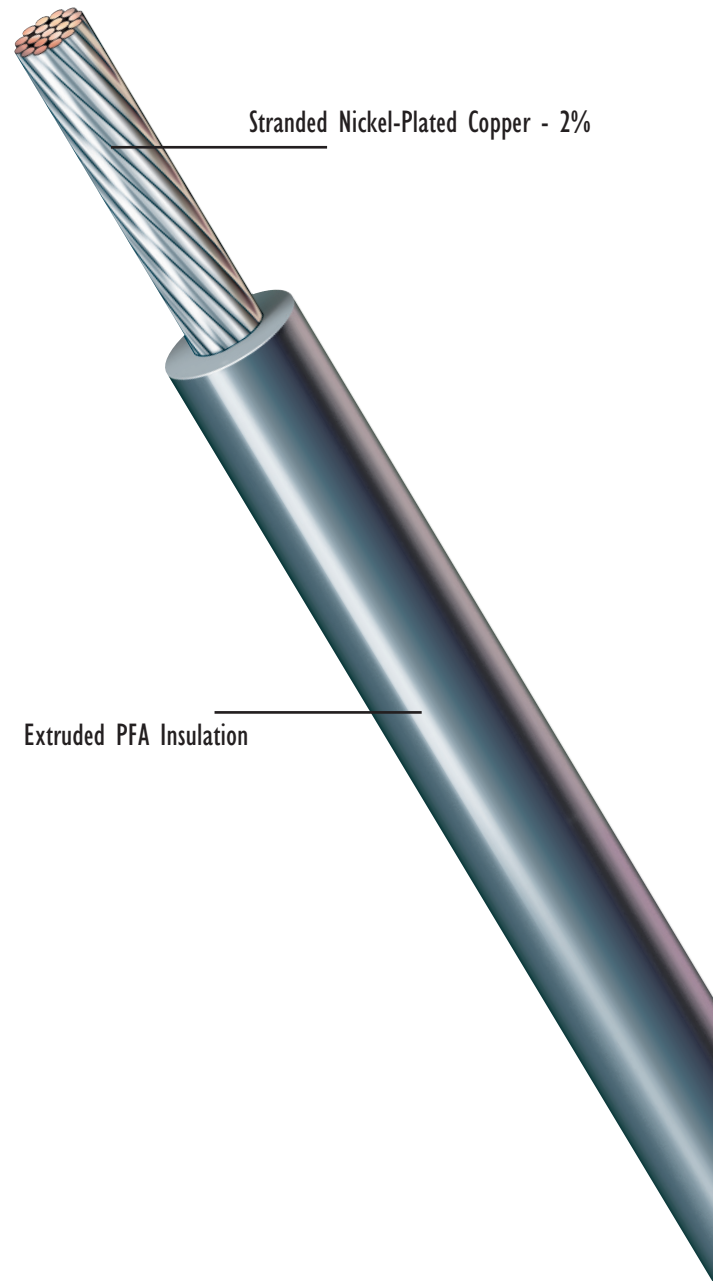
Extruded perfluoroalkoxy copolymer (PFA)

Standard Color Coding

Available in Colors

CHARACTERISTICS

- Offers smallest outside diameter of 250°C hi volt wires for ease in installation and lower assembly costs.
- Mechanical toughness and low coefficient of friction allows "pull" installation of long lengths
- Outstanding chemical and fluid resistance
- Heat aging and ozone resistant
- Easily stripped and terminated



COPYRIGHT

This document is protected under copyright law and is the property of Radix Wire and Cable. Data contained herein is confidential to Radix Wire and Cable and this document and/or any part of the data contained herein may not be copied, duplicated or released for manufacturing or sale of equipment outside of Radix Wire and Cable or any affiliates without the prior written authorization of Radix Wire & Cable.

Radix[™]

WIRE & CABLE

EST. 1944

UL 1911 PFA High Volt 250

HIGH-VOLTAGE LEAD WIRE

SPECIFICATIONS

UL 1911 HIGH VOLTAGE 250C/10KVDC

Part No.	Temp Rating	Voltage Rating	Awg. Size	# Strands	Final O.D. (in)	Final O.D. (mm)	Wgt. (lbs/Mft)	Wgt. (kg/km)	Min. Bend Radius (in)	UL
GOA24P007	250C	10000VDC	24	7	0.062	1.56	3.81	5.67	0.49	1911
GOA22P007	250C	10000VDC	22	7	0.068	1.73	5.03	7.49	0.55	1911
GOA20P007	250C	10000VDC	20	7	0.075	1.90	6.42	9.56	0.60	1911
GOA18P019	250C	10000VDC	18	19	0.082	2.08	8.49	12.63	0.65	1911
GOA16P019	250C	10000VDC	16	19	0.094	2.38	12.24	18.22	0.75	1911
GOA16P026	250C	10000VDC	16	26	0.095	2.40	12.37	18.40	0.76	1911
GOA14P041	250C	10000VDC	14	41	0.110	2.78	17.89	26.63	0.88	1911
GOA12P065	250C	10000VDC	12	65	0.128	3.26	26.87	39.99	1.03	1911
GOA10P105	250C	10000VDC	10	105	0.153	3.89	40.78	60.69	1.22	1911

UL 1911 HIGH VOLTAGE 250C/25KVDC

Part No.	Temp Rating	Voltage Rating	Awg. Size	# Strands	Final O.D. (in)	Final O.D. (mm)	Wgt. (lbs/Mft)	Wgt. (kg/km)	Min. Bend Radius (in)	UL
GEA24P007	250C	25000VDC	24	7	0.078	1.97	5.49	8.17	0.62	1911
GEA22P007	250C	25000VDC	22	7	0.074	1.88	5.67	8.44	0.59	1911
GEA20P007	250C	25000VDC	20	7	0.091	2.30	8.42	12.53	0.73	1911
GEA18P019	250C	25000VDC	18	19	0.098	2.48	10.66	15.86	0.78	1911
GEA16P019	250C	25000VDC	16	19	0.110	2.79	14.69	21.87	0.88	1911
GEA16P026	250C	25000VDC	16	26	0.111	2.81	14.84	22.09	0.88	1911
GEA14P041	250C	25000VDC	14	41	0.126	3.19	20.73	30.85	1.00	1911
GEA12P065	250C	25000VDC	12	65	0.144	3.67	30.16	44.89	1.16	1911
GEA10P105	250C	25000VDC	10	105	0.169	4.29	44.66	66.47	1.35	1911

UL 1911 HIGH VOLTAGE 250C/30KVDC

Part No.	Temp Rating	Voltage Rating	Awg. Size	# Strands	Final O.D. (in)	Final O.D. (mm)	Wgt. (lbs/Mft)	Wgt. (kg/km)	Min. Bend Radius (in)	UL
GLA24P007	250C	30000VDC	24	7	0.086	2.17	6.48	9.64	0.68	1911
GLA22P007	250C	30000VDC	22	7	0.092	2.34	7.93	11.81	0.74	1911
GLA20P007	250C	30000VDC	20	7	0.099	2.51	9.56	14.23	0.79	1911
GLA18P019	250C	30000VDC	18	19	0.106	2.69	11.88	17.69	0.85	1911
GLA16P019	250C	30000VDC	16	19	0.118	2.99	16.07	23.91	0.94	1911
GLA16P026	250C	30000VDC	16	26	0.119	3.01	16.22	24.14	0.95	1911
GLA14P041	250C	30000VDC	14	41	0.134	3.39	22.29	33.18	1.07	1911
GLA12P065	250C	30000VDC	12	65	0.152	3.87	31.95	47.55	1.22	1911
GLA10P105	250C	30000VDC	10	105	0.177	4.50	46.75	69.58	1.42	1911

Standard conductor: Nickel Plated Copper (2%)

Consult factory for alternative conductor and stranding options.

All dimensions listed above are nominal

Compliance: UL Listed File No. E22244. CSA Certified File No. LL13427 or LL80670

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 & Cable is not responsible for any claim traceable to such error.

Use or disclosure of data contained on this sheet is subject to the restrictions on the title page.