

150C/15KVDC,
150C/20KVDC, 150C/25KVDC
150C/30KVDC, and 150C/40KVDC

HI VOLT 3239
HIGH-VOLTAGE LEAD WIRE

RATINGS / APPROVALS

150°C — 15 KVDC - UL Style 3239
150°C — 20 KVDC - UL Style 3239 / CSA TV-20
150°C — 25 KVDC - UL Style 3239
150°C — 30 KVDC - UL Style 3239
150°C — 40 KVDC - UL Style 3239

CONSTRUCTION

Conductors
18 AWG — 10 AWG
Stranded tinned copper
(Other optional conductor materials available)

Insulating System
Extruded silicone rubber

Standard Color Coding
Available in Colors

CHARACTERISTICS

- UL VW-1 Flame rated.
- Radiation, ozone, and moisture resistant.
- Easy to strip.
- Very flexible.
- Suitable for applications to -60°C.



Radix[™]

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SPECIFICATIONS

HI VOLT 3239 HIGH-VOLTAGE LEAD WIRE

HI VOLT 3239 150C/15KVDC

Part No.	Awg. Size	# Strands	Outer Dia. inches	Outer Dia. mm	Wgt - lbs per 1000 ft	Wgt - kg per km	UL	CSA
HOA18T016	18	16	0.139	3.53	11.88	17.68	3239	n/a
HOA16T026	16	26	0.149	3.78	15.63	23.26	3239	n/a
HOA14T041	14	41	0.164	4.17	21.37	31.80	3239	n/a
HOA12T065	12	65	0.181	4.60	30.22	44.97	3239	n/a
HOA10T105	10	105	0.204	5.18	44.03	66.52	3239	n/a

HI VOLT 3239 150C/20KVDC

Part No.	Awg. Size	# Strands	Outer Dia. inches	Outer Dia. mm	Wgt - lbs per 1000 ft	Wgt - kg per km	UL	CSA
HPA18T016	18	16	0.139	3.53	12.59	18.74	3239	TV-20
HPA16T026	16	26	0.149	3.78	16.42	24.44	3239	TV-20
HPA14T041	14	41	0.164	4.17	21.37	31.80	3239	TV-20
HPA12T065	12	65	0.181	4.60	30.22	44.97	3239	TV-20
HPA10T105	10	105	0.204	5.18	44.03	66.52	3239	TV-20

HI VOLT 3239 150C/25KVDC

Part No.	Awg. Size	# Strands	Outer Dia. inches	Outer Dia. mm	Wgt - lbs per 1000 ft	Wgt - kg per km	UL	CSA
HTA18T016	18	16	0.151	3.84	13.26	19.73	3239	n/a
HTA16T026	16	26	0.161	4.09	17.11	25.46	3239	n/a
HTA14T041	14	41	0.176	4.47	23.00	34.23	3239	n/a
HTA12T065	12	65	0.193	4.90	32.00	47.62	3239	n/a

HI VOLT 3239 150C/30KVDC

Part No.	Awg. Size	# Strands	Outer Dia. inches	Outer Dia. mm	Wgt - lbs per 1000 ft	Wgt - kg per km	UL	CSA
HQA18T016	18	16	0.157	3.99	14.00	20.83	3239	n/a
HQA16T026	16	26	0.167	4.24	17.90	26.64	3239	n/a
HQA14T041	14	41	0.182	4.62	23.85	35.49	3239	n/a
HQA12T065	12	65	0.199	5.05	32.94	49.02	3239	n/a

HI VOLT 3239 150C/40KVDC

Part No.	Awg. Size	# Strands	Outer Dia. inches	Outer Dia. mm	Wgt - lbs per 1000 ft	Wgt - kg per km	UL	CSA
HRA18T016	18	16	0.231	5.87	25.41	37.81	3239	n/a
HRA16T026	16	26	0.241	6.12	29.92	44.53	3239	n/a
HRA14T041	14	41	0.256	6.50	36.77	54.72	3239	n/a
HRA12T065	12	65	0.273	6.93	46.86	69.74	3239	n/a
HRA10T105	10	105	0.296	7.52	62.35	92.79	3239	n/a

Contact factory for alternative strandings, sizes and voltages.

All dimensions listed above are nominal.

Compliance: UL Listed File No. E22244 • CSA Certified File No. LLI3427 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 Company, Inc. is not responsible for any claim traceable to such error.



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