

RATINGS / APPROVALS

150°C – 20 KVDC - UL Style 3239 / CSA TV-20

150°C – 25 KVDC - UL Style 3239

150°C – 30 KVDC - UL Style 3239

CONSTRUCTION

Conductors

24 AWG – 14 AWG

Stranded tinned copper

(Other optional conductor materials available)

Insulating System

Extruded silicone rubber

Standard Color Coding

Available in Colors

CHARACTERISTICS

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



Radix[™]

Radix Wire Company

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SPECIFICATIONS

HI VOLT 3239 HIGH-VOLTAGE LEAD WIRE

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
HPA22T007	22	7	0.124	3.15	8.56	12.73	3239	TV-20
HPA20T007	20	7	0.130	3.30	10.01	14.90	3239	TV-20
HPA18T016	18	16	0.139	3.53	12.59	18.73	3239	TV-20
HPA16T026	16	26	0.149	3.78	16.42	24.44	3239	TV-20
HPA14T041	14	41	0.166	4.22	22.53	33.52	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
HTA22T007	22	7	0.136	3.45	9.93	14.77	3239	n/a
HTA20T007	20	7	0.142	3.61	11.45	17.03	3239	n/a
HTA18T016	18	16	0.151	3.84	14.13	21.02	3239	n/a
HTA16T026	16	26	0.161	4.09	18.06	26.87	3239	n/a
HTA14T041	14	41	0.177	4.50	24.21	36.02	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
HQA22T007	22	7	0.146	3.71	11.17	16.62	3239	n/a
HQA20T007	20	7	0.152	3.86	12.74	18.95	3239	n/a
HQA18T016	18	16	0.161	4.09	15.50	23.06	3239	n/a
HQA16T026	16	26	0.171	4.34	19.52	29.04	3239	n/a
HQA14T041	14	41	0.187	4.75	25.81	38.40	3239	n/a

Standard conductor: Tinned Copper

Consult factory for alternate conductor and stranding options.

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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 Company, Inc. is not responsible for any claim traceable to such error.



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