

200C/3KV, 200C/5KV,  
200C/8KV, and 200C/15KV

# HI VOLT SILICONE BRAIDLESS 200 HIGH-VOLT LEAD WIRE

## RATINGS

200°C – 3 KV, 5 KV, 8 KV, 15 KV

## CONSTRUCTION

### Conductors

8 AWG to 500 MCM (3 KV, 5 KV, 8 KV)

8 AWG to 350 MCM (15 KV)

Stranded tinned copper

### Insulating System

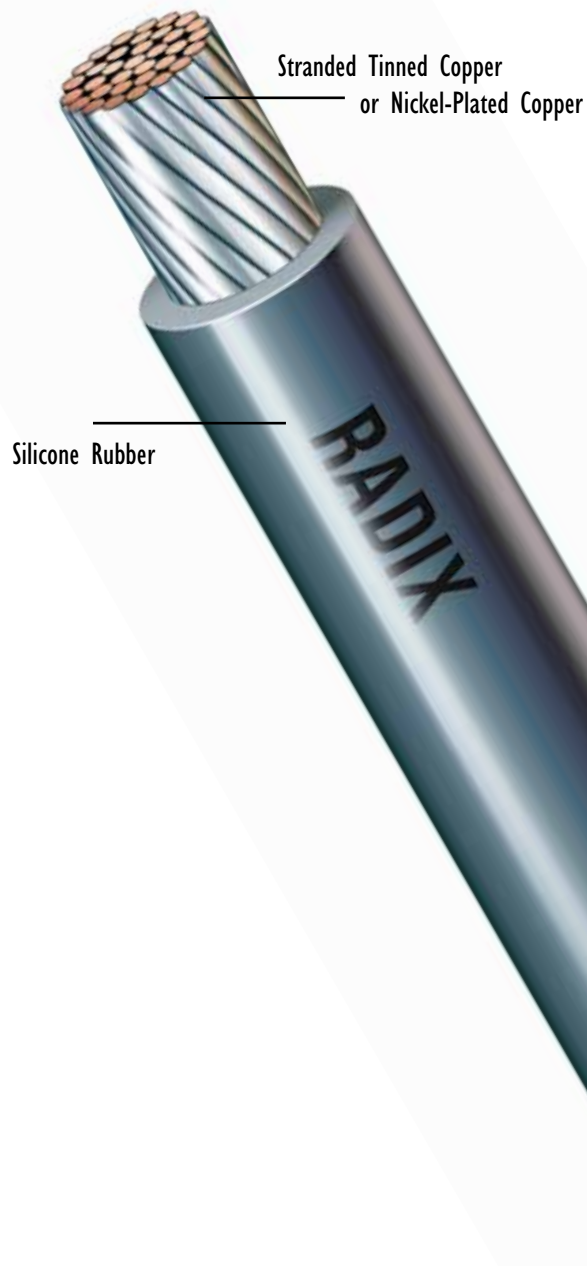
Extruded Silicone Rubber

### Standard Color Coding

Available in Colors and Stripes

## CHARACTERISTICS

- Silicone formulations suitable for UV, ozone, moisture exposure.
- Not suited for immersed applications.
- Suitable for applications to -60°C
- Superior flexibility



**Radix**<sup>™</sup>

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# SPECIFICATIONS

# HI VOLT SILICONE BRAIDLESS 200 HIGH-VOLT LEAD WIRE

## SILICONE BRAIDLESS 200C/3KV

Part No.	Awg. Size	# Strands	Outer Dia. inches	Outer Dia. mm	Wgt - lbs per 1000 ft.	Wgt - kg per km	NEMA
JKA02T259	2	259	0.595	15.11	322.80	480.41	WC7I
JKA01T259	1	259	0.627	15.93	384.22	571.81	WC7I
JKAX1T259	1/0	259	0.690	17.53	468.69	697.53	WC7I
JKAX2T259	2/0	259	0.730	18.54	565.21	841.16	WC7I
JKAX4T259	4/0	259	0.840	21.34	839.61	1,249.53	WC7I
JKA35T427	350 MCM	427	1.030	26.16	1,334.08	1,985.43	WC7I

## SILICONE BRAIDLESS 200C/5KV

Part No.	Awg. Size	# Strands	Outer Dia. inches	Outer Dia. mm	Wgt - lbs per 1000 ft.	Wgt - kg per km	NEMA
JLA02T259	2	259	0.635	16.13	345.08	513.56	WC7I
JLA01T259	1	259	0.667	16.94	407.66	606.69	WC7I
JLAX1T259	1/0	259	0.730	18.54	494.42	735.81	WC7I
JLAX2T259	2/0	259	0.770	19.56	592.38	881.60	WC7I
JLAX4T259	4/0	259	0.880	22.35	870.76	1,295.90	WC7I
JLA35T427	350 MCM	427	1.070	27.18	1,372.12	2,042.04	WC7I

## SILICONE BRAIDLESS 200C/8KV

Part No.	Awg. Size	# Strands	Outer Dia. inches	Outer Dia. mm	Wgt - lbs per 1000 ft.	Wgt - kg per km	NEMA
JMA02T259	2	259	0.705	17.91	387.56	576.78	WC74
JMA01T259	1	259	0.737	18.72	452.17	672.93	WC74
JMAX1T259	1/0	259	0.800	20.32	542.92	807.99	WC74
JMAX2T259	2/0	259	0.840	21.34	643.42	957.55	WC74
JMAX4T259	4/0	259	0.950	24.13	928.77	1,382.24	WC74
JMA35T427	350 MCM	427	1.140	28.96	1,442.18	2,146.31	WC74

## SILICONE BRAIDLESS 200C/15KV

Part No.	Awg. Size	# Strands	Outer Dia. inches	Outer Dia. mm	Wgt - lbs per 1000 ft.	Wgt - kg per km	NEMA
JNA02T259	2	259	0.915	23.24	541.63	806.07	WC74
JNA01T259	1	259	0.947	24.05	612.32	911.27	WC74
JNAX1T259	1/0	259	1.010	25.65	715.05	1,064.17	WC74
JNAX2T259	2/0	259	1.050	26.67	823.16	1,225.05	WC74
JNAX3T259	3/0	259	1.096	27.84	957.14	1,424.45	WC74
JNAX4T259	4/0	259	1.160	29.46	1,129.44	1,680.87	WC74
JNA35T427	350 MCM	427	1.350	34.29	1,678.98	2,498.72	WC74

Standard conductor: Tinned Copper

Consult factory for alternate conductor and stranding options.

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



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