

SUPER J BRAIDLESS SILICONE

HIGH-VOLTAGE LEAD WIRE

RATINGS / APPROVALS

150/200°C - 1KV - UL 3644

150/200°C - 3KV / 5KV / 8KV / 15KV - Factory Rated

CONSTRUCTION

Conductors

22 AWG - 500 MCM (1KV)

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

8 AWG - 350 MCM (15KV)

Stranded tinned copper

Insulating System

Super J Extruded Silicone Rubber

Standard Color: Gray

Also available in colors and stripes

CHARACTERISTICS

- Flame retardant - Low Smoke, Zero Halogen
- Silicone formulations suitable for UV, ozone & moisture exposure.
- Superior flexibility
- Superior Abrasion and Cut-Through Resistance
- Tighter Bend Radius
- Not suitable for immersed applications.



SUPER J 200C/1,000V

Part No.	Awg. Size	# Strands	Outer Dia. inches	Outer Dia. mm	Wgt - lbs per 1000 ft	Wgt - kg per km	UL	CSA 180C
NGJ18T007	18	7	0.121	3.07	11.34	16.87	3644	AWM I A/B FT 2
NGJ16T007	16	7	0.134	3.40	14.38	21.40	3644	AWM I A/B FT 2
NGJ14T007	14	7	0.140	3.55	19.75	29.39	3644	AWM I A/B FT 2
NGJ12T019	12	19	0.166	4.22	28.52	42.44	3644	AWM I A/B FT 2
NGJ10T019	10	19	0.215	5.46	47.30	70.39	3644	AWM I A/B FT 2
NGJ08T061	8	61	0.254	6.45	72.95	108.56	3644	AWM I A/B FT 2
NGJ06T084	6	84	0.347	8.80	117.62	175.04	3604/3644	AWM I A/B FT 2
NGJ04T133	4	133	0.381	9.67	161.70	240.64	3604/3644	AWM I A/B FT 2
NGJ02T259	2	259	0.446	11.33	239.70	356.70	3604/3644	AWM I A/B FT 2
NGJ01T259	1	259	0.521	13.23	310.44	462.00	3604/3644	AWM I A/B FT 2
NGJX1T259	1/0	259	0.576	14.63	391.31	582.33	3604/3644	AWM I A/B FT 2
NGJX2T259	2/0	259	0.622	15.80	480.18	714.59	3604/3644	AWM I A/B FT 2
NGJX3T259	3/0	259	0.671	17.04	590.85	879.28	3604/3644	AWM I A/B FT 2
NGJX4T259	4/0	259	0.731	18.57	730.23	1086.70	3604/3644	AWM I A/B FT 2

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SUPER J 200C/3,000V

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
JKAXIT259	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

SUPER J 200C/5,000V

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
JLAXIT259	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
JLAX3T259	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

SUPER J 200C/8,000V

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
JMAXIT259	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
JMAX3T259	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

SUPER J 200C/15,000V

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
JNAXIT259	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 alternative 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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