

200C/600V

# SRS-Super J 200

HIGH-TEMPERATURE CABLE

## RATINGS / APPROVALS

200°C - 600 Volts

Passes UL4389 Cable Flame Test

RoHS Compliant

## CONSTRUCTION

### Conductors

Tinned copper 18 - 4 AWG

Nickel Plated Copper 2% 24-20 AWG

### Insulating System

Extruded Silicone Rubber

### Overall Binder Tapes

PTFE Fluoropolymer Tape

### Outer Covering

Extruded Super J silicone rubber

### Standard Color

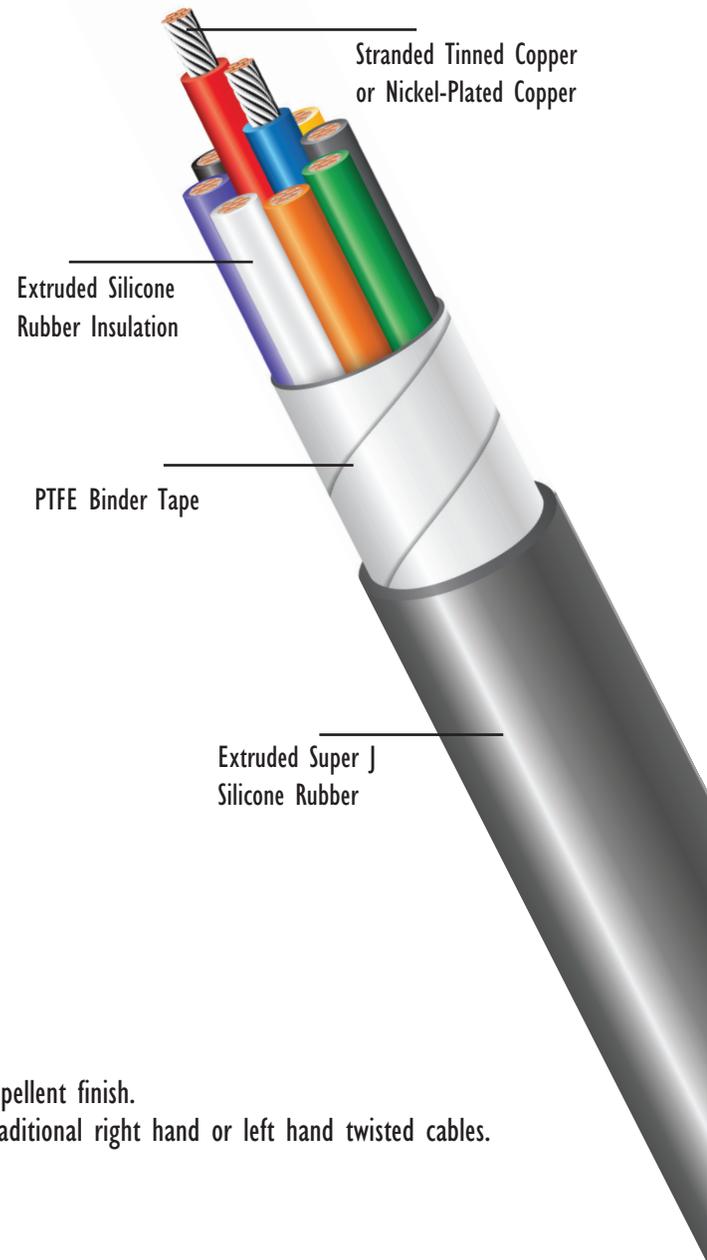
Gray

## CHARACTERISTICS

- Proprietary Super J jacket provides longer cable life through:
  - Flexible, smooth surface that wicks away splashed materials
  - Superior abrasion and cut-through resistance
  - LSZH: Low Smoke, Zero Halogen
- Silicone formulations suitable for UV, ozone, and moisture exposure.
- Fillers, where needed, are made with flame impervious fibers with moisture repellent finish.
- Cable utilizes Radix "Torque Free" design. This eliminates memory found in traditional right hand or left hand twisted cables.
- Suitable for applications from -60°C to 200°C.
- Not recommended for outdoor use.

## APPLICATION

SRS-Super J multi-conductor cables are designed for use in high temperature applications as a multiple conductor power and control cable where flexibility and resistance to heat and flame are desired. This cable can be used in robotic applications, as well as a variety of industrial applications in steel and glass plants and power generating stations.



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# SPECIFICATIONS

# SRS-Super J 200

## HIGH-TEMPERATURE CABLE

### SRS-Super J 200C/600 V

Part No.	Temp Rating	Voltage Rating	Awg. Size	# Strands	# Leads	Final O.D. (in)	Final O.D. (mm)	Wgt. (lbs/Mft)	Wgt. (kg/km)	Min. Bend Radius (in)
KL24AP02A-D01	200C	600V	24 NPC 2%	7	2	0.277	7.04	32.95	49.04	2.22
KL24AP30A-D01	200C	600V	24 NPC 2%	7	30	0.797	20.24	279.05	415.30	6.38
KL22AP02A-D01	200C	600V	22 NPC 2%	7	2	0.290	7.38	43.86	65.28	2.32
KL22AP30A-D01	200C	600V	22 NPC 2%	7	30	0.839	21.30	324.81	483.40	6.71
KL20AP02A-D01	200C	600V	20 NPC 2%	7	2	0.304	7.71	47.80	71.13	2.43
KL20AP30A-D01	200C	600V	20 NPC 2%	7	30	0.879	22.34	375.79	559.26	7.04
KL18AT02A-D01	200C	600V	18	7	2	0.320	8.12	54.35	80.88	2.56
KL18AT04A-D01	200C	600V	18	7	4	0.364	9.24	75.85	112.88	2.91
KL18AT06A-D01	200C	600V	18	7	6	0.427	10.84	94.57	140.75	3.41
KL18AT10A-D01	200C	600V	18	7	10	0.545	13.84	146.47	217.99	4.36
KL18AT30A-D01	200C	600V	18	7	30	0.935	23.76	457.06	680.21	7.48
KL16AT02A-D01	200C	600V	16	7	2	0.343	8.72	63.55	94.58	2.75
KL16AT04A-D01	200C	600V	16	7	4	0.393	9.97	92.80	138.11	3.14
KL16AT06A-D01	200C	600V	16	7	6	0.463	11.77	119.67	178.10	3.71
KL16AT10A-D01	200C	600V	16	7	10	0.591	15.02	188.20	280.08	4.73
KL16AT20A-D01	200C	600V	16	7	20	0.834	21.19	383.47	570.69	6.67
KL14AT02A-D01	200C	600V	14	7	2	0.370	9.40	75.11	111.78	2.96
KL14AT03A-D01	200C	600V	14	7	3	0.391	9.92	100.29	149.26	3.12
KL14AT04A-D01	200C	600V	14	7	4	0.425	10.80	114.22	169.98	3.40
KL14AT06A-D01	200C	600V	14	7	6	0.504	12.81	151.49	225.46	4.03
KL14AT10A-D01	200C	600V	14	7	10	0.643	16.34	241.15	358.89	5.15
KL14AT20A-D01	200C	600V	14	7	20	0.906	23.00	490.55	730.06	7.24
KL12CT02A-D01	200C	600V	12	19	2	0.468	11.89	115.72	172.22	3.75
KL12CT03A-D01	200C	600V	12	19	3	0.499	12.67	152.81	227.42	3.99
KL12CT04A-D01	200C	600V	12	19	4	0.544	13.83	180.54	268.69	4.36
KL12CT06A-D01	200C	600V	12	19	6	0.653	16.59	251.96	374.98	5.23
KL12CT10A-D01	200C	600V	12	19	10	0.833	21.15	404.86	602.52	6.66
KL10CT02A-D01	200C	600V	10	19	2	0.515	13.08	154.91	230.55	4.12
KL10CT03A-D01	200C	600V	10	19	3	0.549	13.94	199.17	296.41	4.39
KL10CT04A-D01	200C	600V	10	19	4	0.602	15.30	242.87	361.45	4.82
KL10CT06A-D01	200C	600V	10	19	6	0.723	18.37	346.08	515.05	5.79
KL08GT03A-D01	200C	600V	8	61	3	0.610	15.49	272.30	405.24	4.88
KL08GT04A-D01	200C	600V	8	61	4	0.671	17.05	358.54	533.59	5.37
KL06GT03A-D01	200C	600V	6	84	3	0.835	21.20	464.26	690.93	6.68
KL06GT04A-D01	200C	600V	6	84	4	0.923	23.46	594.10	884.15	7.39
KL04ET04A-D01	200C	600V	4	133	4	1.007	25.58	770.17	1146.19	8.06
KL06GT03A-D01	200C	600V	6	84	3	0.835	21.20	464.26	690.93	6.68
KL06GT04A-D01	200C	600V	6	84	4	0.923	23.46	594.10	884.15	7.39
KL04ET04A-D01	200C	600V	4	133	4	1.007	25.58	770.17	1146.19	8.06

**Standard conductor: Tinned Copper or Nickel Plated Copper (2%) as designated**

All dimensions listed above are nominal. Consult factory for alternate conductor and stranding options

**For additional cable configurations not listed, check our Website ([www.radix-wire.com](http://www.radix-wire.com)) or contact Sales at [salesinfo@radix-wire.com](mailto:salesinfo@radix-wire.com).**

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