

200C/600V

# SRG-S HIGH-TEMPERATURE CABLE

## RATINGS / APPROVALS

### 200°C - 600 Volts

Passes the IEEE-383 Vertical Cable Tray Flame Test

Passes NEMA WC 3 Flame Propagation Test

RoHS Compliant

## CONSTRUCTION

### Conductors:

22 AWG - 2 AWG

Annealed tinned copper

### Insulating System:

Extruded silicone rubber with fiberglass braid cover over each insulated conductor. Braid treated with a moisture, heat and flame resistant finish for K-2 color coding (Unless specified) and abrasion resistance.

### Overall Binder Tapes:

Polyester

### Outer Covering:

Extruded silicone rubber.(Optional) wire braid armor of stainless steel or other suitable material.

### Standard Color:

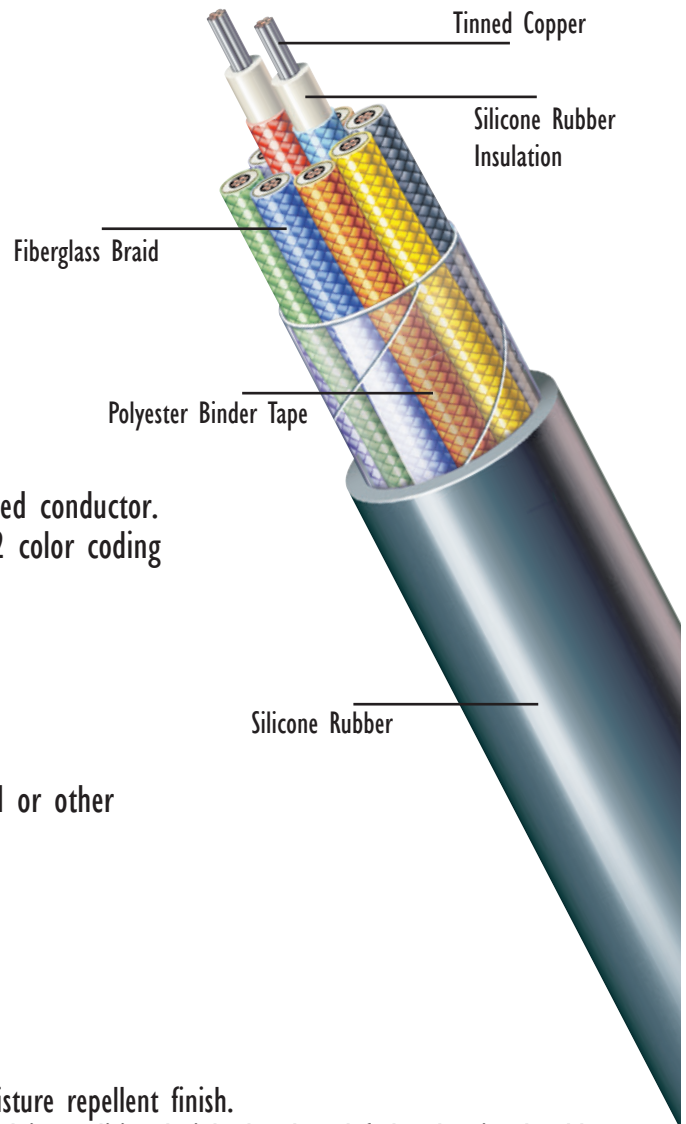
Black (Colors Available)

## CHARACTERISTICS

- Silicone formulations suitable for UV, ozone, 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.
- Binder tape is non-hydroscopic, non-wicking polyester.
- Suitable for applications to -60°C.
- Not recommended for outdoor use.

## APPLICATION

SRG-S is constructed for use in high temperature applications as a multiple conductor control cable where flexibility and resistance to heat and flame are desired. This wire is used in robotic applications, as well as high temperature locations such as steel and glass plants and in power generating stations.



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# SPECIFICATIONS

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## SRG-S 200C/600V

Part Number	AWG Size	# Strands.	# Leads	Outer Dia. inches	Outer Dia. mm	Wgt - lbs per 1000 ft	Wgt - kg per km
KJ18AT02A	18	7	2	0.341	8.66	56.96	84.77
KJ18AT03A	18	7	3	0.359	9.12	70.26	104.56
KJ18AT04A	18	7	4	0.389	9.88	83.55	124.34
KJ18AT05A	18	7	5	0.426	10.82	102.12	151.98
KJ18AT06A	18	7	6	0.463	11.76	118.34	176.12
KJ16AT02A	16	7	2	0.366	9.30	69.01	102.70
KJ16AT03A	16	7	3	0.386	9.80	85.54	127.30
KJ16AT04A	16	7	4	0.420	10.67	103.37	153.84
KJ16AT05A	16	7	5	0.460	11.68	126.53	188.31
KJ16AT06A	16	7	6	0.500	12.70	147.34	219.28
KJ14AT02A	14	7	2	0.455	11.56	97.27	144.76
KJ14AT03A	14	7	3	0.482	12.24	128.98	191.95
KJ14AT04A	14	7	4	0.559	14.20	175.01	260.46
KJ14AT05A	14	7	5	0.613	15.57	212.18	315.77
KJ14AT06A	14	7	6	0.667	16.94	247.01	367.61
KJ12CT02A	12	19	2	0.491	12.47	124.17	184.79
KJ12CT03A	12	19	3	0.552	14.02	180.85	269.15
KJ12CT04A	12	19	4	0.601	15.27	220.41	328.02
KJ12CT05A	12	19	5	0.661	16.79	269.43	400.98
KJ12CT06A	12	19	6	0.720	18.29	313.76	466.95
KJ10CT02A	10	19	2	0.570	14.48	177.05	263.49
KJ10CT03A	10	19	3	0.603	15.32	233.44	347.41
KJ10CT04A	10	19	4	0.658	16.71	289.13	430.29
KJ10CT05A	10	19	5	0.724	18.39	354.43	527.48
KJ10CT06A	10	19	6	0.790	20.07	416.21	619.42

### Standard conductor: Tinned Copper

Consult factory for alternate 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 & Cable is not responsible for any claim traceable to such error.

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