

200C/600V

## RATINGS / APPROVALS

### 200 C - 600 Volts

Passes NEMA WC 3 Flame Propagation Test

Passes the IEEE-383 (modified) 210,000 BTU/hr Vertical Cable Tray Flame Test

Passes ICEA T-27-581 Water Absorption 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

Braided aramid K-fiber with a moisture, heat and flame resistant finish

### Standard Color

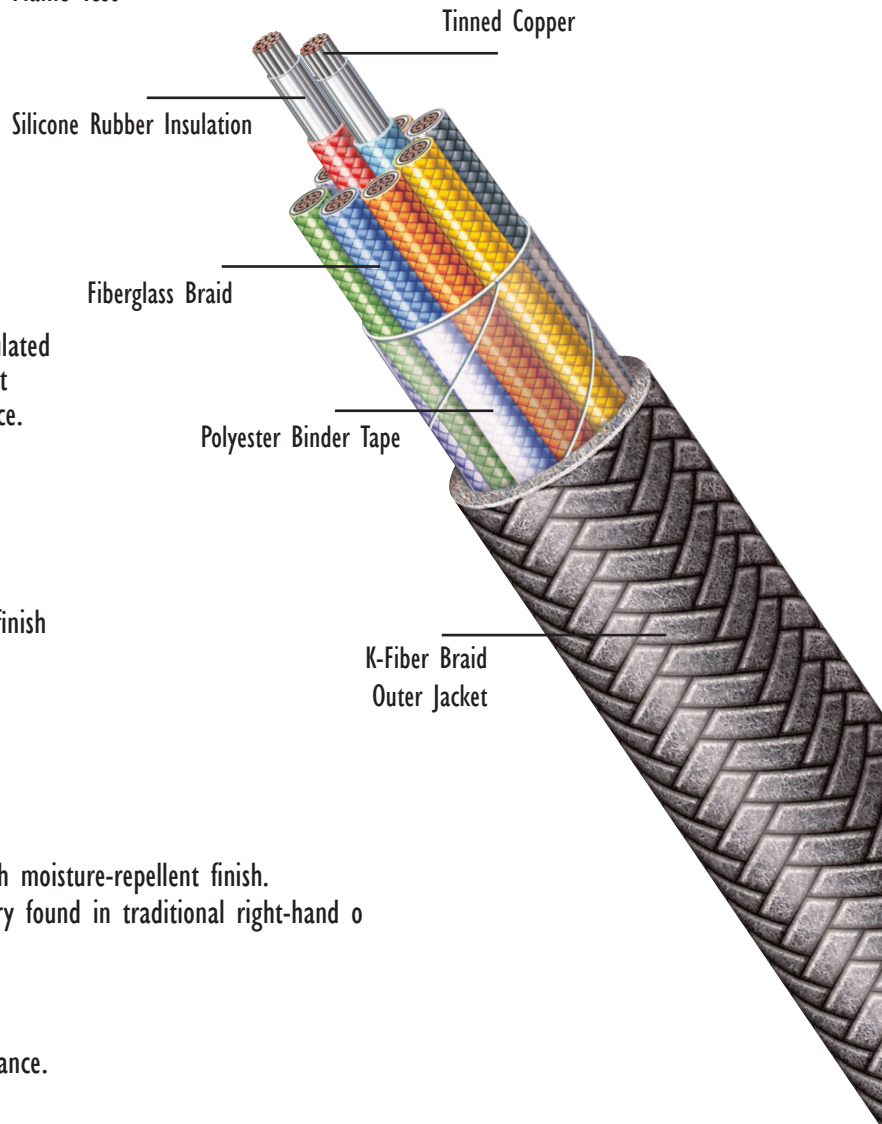
Black (Colors available)

## 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.
- Aramid K-fiber provides superior cut-through and abrasion resistance.
- Non recommended for outdoor use.

## APPLICATION

SRG-K is constructed for use in high temperature applications as a multiple conductor control cable where resistance to abrasion and mechanical abuse are desired. This cable is widely used in steel and glass plants, as well as high temperature locations near boilers, steam lines and chemical processing plants.



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# SPECIFICATIONS

# SRG-K HIGH-TEMPERATURE CABLE

## SRG-K 200C/600V

Part No.	Awg. Size	# Strands	# Leads	Outer Dia. inches	Outer Dia. mm	Wgt - lbs per 1000 ft	Wgt - kg per km
KDI8AT02G	18	7	2	0.301	7.65	36.40	54.17
KDI8AT03G	18	7	3	0.318	8.08	49.72	74.00
KDI8AT04G	18	7	4	0.348	8.84	63.46	94.44
KDI8AT05G	18	7	5	0.384	9.75	79.77	118.72
KDI8AT06G	18	7	6	0.420	10.67	93.75	139.52
KDI6AT02G	16	7	2	0.325	8.26	45.69	68.00
KDI6AT03G	16	7	3	0.345	8.76	63.32	94.24
KDI6AT04G	16	7	4	0.378	9.60	81.41	121.16
KDI6AT05G	16	7	5	0.417	10.59	102.10	151.95
KDI6AT06G	16	7	6	0.476	12.09	126.75	188.63
KDI4AT02G	14	7	2	0.413	10.49	70.78	105.34
KDI4AT03G	14	7	3	0.454	11.53	104.31	155.24
KDI4AT04G	14	7	4	0.51	12.85	136.82	203.62
KDI4AT05G	14	7	5	0.57	14.53	175.06	260.53
KDI4AT06G	14	7	6	0.63	15.88	205.80	306.28
KDI4AT07G	14	7	7	0.63	15.88	221.18	331.50
KDI4AT12G	14	7	12	0.81	20.68	376.63	560.51
KDI2CT02G	12	19	2	0.47	11.84	97.73	145.45
KDI2CT03G	12	19	3	0.50	12.67	138.61	206.28
KDI2CT04G	12	19	4	0.56	14.15	182.47	271.56
KDI2CT05G	12	19	5	0.62	15.72	228.69	340.34
KDI2CT06G	12	19	6	0.66	16.79	261.07	388.53
KDI2CT12G	12	19	12	0.89	22.50	499.27	743.03
KDI0CT02G	10	19	2	0.52	13.16	132.78	197.61
KDI0CT03G	10	19	3	0.56	14.17	190.70	283.81
KDI0CT04G	10	19	4	0.62	15.65	248.59	369.96
KDI0CT05G	10	19	5	0.67	16.89	301.29	448.39
KDI0CT06G	10	19	6	0.73	18.64	359.41	534.89
KDX3GT07G	3/0	259	7	1.50	38.10	1156.00	1720.41

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

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