200C/600V

SRG-K
HIGH-TEMPERATURE CABLE

RATINGS / APPROVALS

200°C – 600 Volts

Passes NEMA WC 3 Flame Propagation Test
Passes 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

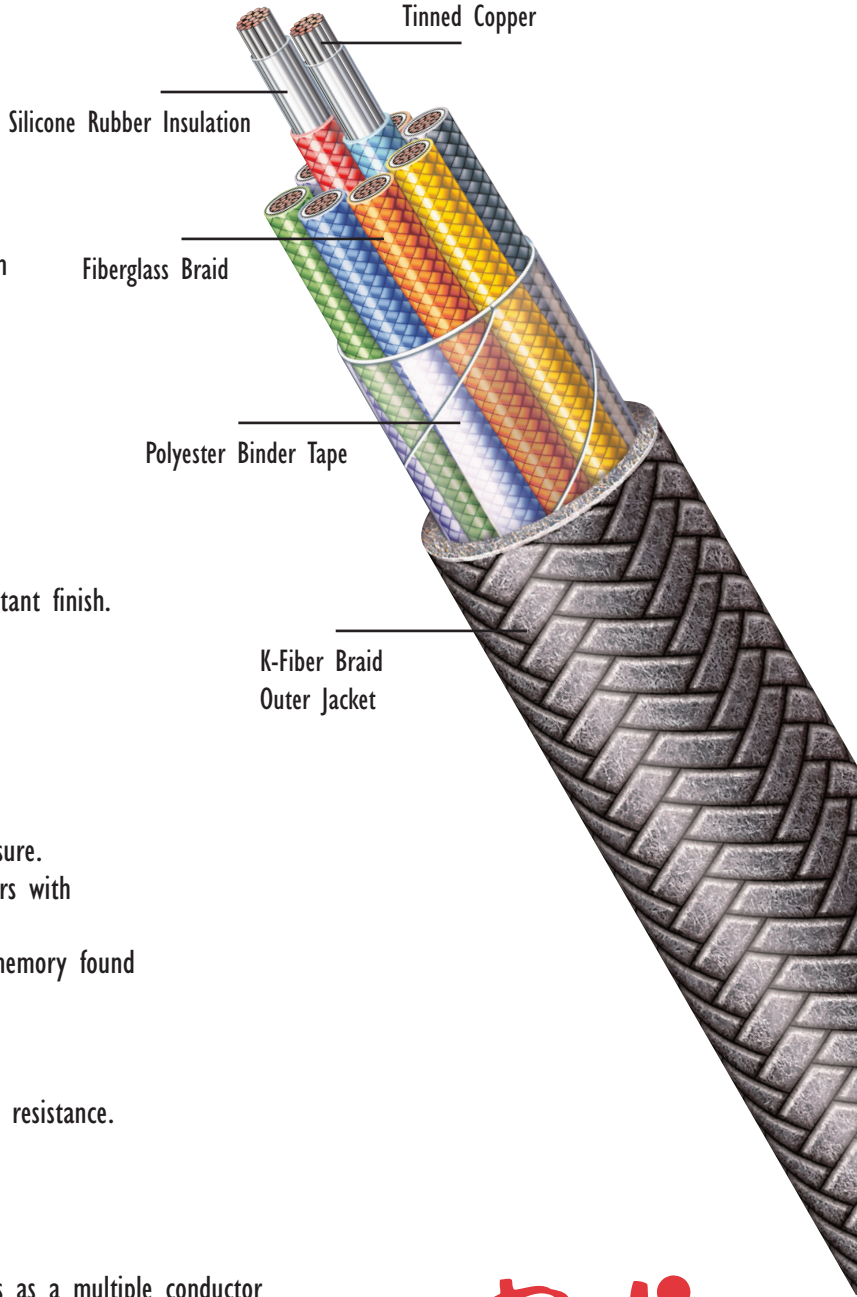
Polyester

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.
- Not 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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Radix Wire
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SPECIFICATIONS

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
KD18AT02G	18	7	2	0.301	7.65	36.40	54.17
KD18AT03G	18	7	3	0.318	8.08	49.72	74.00
KD18AT04G	18	7	4	0.348	8.84	63.46	94.44
KD18AT05G	18	7	5	0.384	9.75	79.77	118.72
KD18AT06G	18	7	6	0.420	10.67	93.75	139.52
KD16AT02G	16	7	2	0.325	8.26	45.69	68.00
KD16AT03G	16	7	3	0.345	8.76	63.32	94.24
KD16AT04G	16	7	4	0.378	9.60	81.41	121.16
KD16AT05G	16	7	5	0.417	10.59	102.10	151.95
KD16AT06G	16	7	6	0.476	12.09	126.75	188.63
KD14AT02G	14	7	2	0.413	10.49	70.78	105.34
KD14AT03G	14	7	3	0.454	11.53	104.31	155.24
KD14AT04G	14	7	4	0.506	12.85	136.82	203.62
KD14AT05G	14	7	5	0.572	14.53	175.06	260.53
KD14AT06G	14	7	6	0.625	15.88	205.80	306.28
KD14AT12G	14	7	12	0.814	20.68	376.63	560.51
KD12CT02G	12	19	2	0.466	11.84	97.73	145.45
KD12CT03G	12	19	3	0.499	12.67	138.61	206.28
KD12CT04G	12	19	4	0.557	14.15	182.47	271.56
KD12CT05G	12	19	5	0.619	15.72	228.69	340.34
KD12CT06G	12	19	6	0.661	16.79	261.07	388.53
KD12CT12G	12	19	12	0.886	22.50	499.27	743.03
KD10CT02G	10	19	2	0.518	13.16	132.78	197.61
KD10CT03G	10	19	3	0.558	14.17	190.70	283.81
KD10CT04G	10	19	4	0.616	15.65	248.59	369.96
KD10CT05G	10	19	5	0.665	16.89	301.29	448.39
KD10CT06G	10	19	6	0.734	18.64	359.41	534.89

Standard conductor: Tinned Copper
Consult factory for alternate conductor and stranding options.

All dimensions listed above are nominal.

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