

200C/600V

SAB-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:

Composite extruded silicone rubber with intermediate fiberglass reinforcement (Sil-A-Blend®)

K-2 color code. (Unless specified)

Overall Binder Tapes:

Polyester

Outer Covering:

Extruded Silicone Rubber

(Optional: Aluminum Polyester Tape Shield)

Standard Color:

Black (Colors available)

CHARACTERISTICS

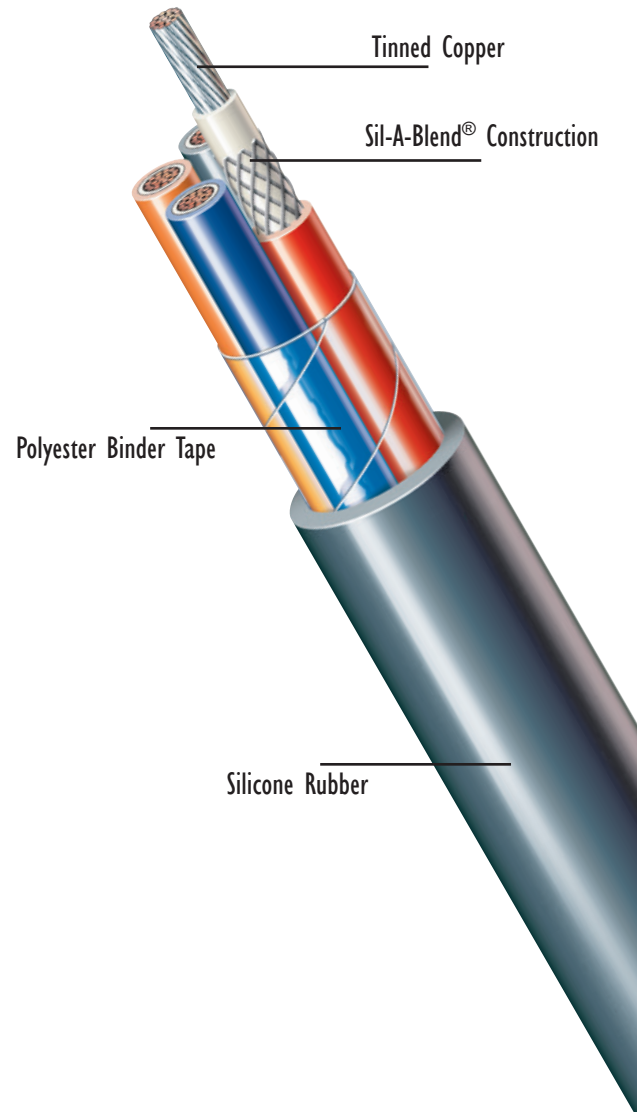
- Silicone formulations suitable for UV, ozone, moisture exposure.
- Fillers, where needed, are made with flame-impervious fibers with moisture-repellent finish.
- Cable utilizes Radix "Torque Free" design. This eliminates memory found in traditional right hand or left hand twisted cables.
- Binder tape is non-hydroscopic, non-wicking polyester.
- Aramid K-fiber provides superior cut through and abrasion resistance.
- Suitable for applications to -60°C.
- Not recommended for outdoor use.

APPLICATION

SAB-K is constructed for use in high temperature applications as a more flexible, multiple conductor control cable where resistance to abrasion and mechanical abuse are desired. This cable is used in steel and glass plants, as well as high temperature locations near boilers, steam lines and chemical processing plants. Use above grade in raceway, tray, or conduit.

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SAB-S 200C/600V

Part Number	AWG Size	# Strands.	# Leads	Outer Dia. inches	Outer Dia. mm	Wgt - lbs per 1000 ft	Wgt - kg per km
NT18AT02A	18	7	2	0.334	8.48	50.18	74.68
NT18AT03A	18	7	3	0.352	8.94	61.64	91.73
NT18AT04A	18	7	4	0.382	9.70	72.94	108.55
NT18AT05A	18	7	5	0.417	10.59	89.44	133.11
NT18AT06A	18	7	6	0.453	11.51	103.59	154.17
NT16AT02A	16	7	2	0.357	9.07	59.91	89.16
NT16AT03A	16	7	3	0.377	9.58	75.40	112.21
NT16AT04A	16	7	4	0.409	10.39	90.84	135.19
NT16AT05A	16	7	5	0.448	11.38	111.51	165.95
NT16AT06A	16	7	6	0.487	12.37	129.85	193.25
NT14AT02A	14	7	2	0.384	9.75	75.18	111.89
NT14AT03A	14	7	3	0.406	10.31	95.56	142.22
NT14AT04A	14	7	4	0.442	11.23	117.18	174.39
NT14AT05A	14	7	5	0.485	12.32	144.09	214.44
NT14AT06A	14	7	6	0.560	14.22	184.07	273.94
NT12CT02A	12	19	2	0.419	10.64	96.51	143.63
NT12CT03A	12	19	3	0.443	11.25	127.47	189.71
NT12CT04A	12	19	4	0.483	12.27	157.46	234.34
NT12CT05A	12	19	5	0.564	14.33	209.51	311.80
NT12CT06A	12	19	6	0.612	15.54	245.08	364.74
NT10CT02A	10	19	2	0.559	14.20	162.61	242.00
NT10CT03A	10	19	3	0.591	15.01	215.32	320.45
NT10CT04A	10	19	4	0.645	16.38	266.96	397.30
NT10CT05A	10	19	5	0.710	18.03	328.03	488.19
NT10CT06A	10	19	6	0.774	19.66	385.58	573.83

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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