

temperature resistant up to + 220°C



HALOGEN-FREE CABLES

SABIX® A 100 HT High temperature resistant single conductor with nickel-plated strands
SABIX® A 101 HT High temperature resistant single conductor with silver-plated strands



の 14 BROCKSKES · D-VIERSEN · SABIX® A 100 HT · 220°C · CE

Marking for SABIX® A 100 HT 71000150:
 SAB BRÖCKSKES · D-VIERSEN · SABIX® A 100 HT · 220°C · CE

SABIX® A 100 HT / SABIX® A 101 HT is a halogen free single conductor. This cable is especially made for use for internal wiring at high ambient temperatures in protected rooms. With the special SABIX®-Insulation this cable is useful for temperatures up to 220 °C.

Construction:

Conductor:	SABIX® A 100 HT: nickel-plated copper strands SABIX® A 101 HT: silver-plated copper strands fine wires 24 AWG and 22 AWG acc. to DIN VDE 0245 part 1 table 1, 20 AWG up to 550 MCM acc. to IEC 60228, EN 60228, VDE 0295, class 5
Insulation:	SABIX® 722
Color code:	colored

Outstanding features:

- ▶ halogen-free
- ▶ high temperature resistant
- ▶ flexible
- ▶ SABIX® A 101 HT: good solderability

Technical data:

Nominal voltage:	U ₀ /U 300/500 V
Testing voltage:	2000 V
Min. bending radius: For one single bend:	7.5 x O.D. 5 x O.D.
Temperature range fixed installation: flexing:	-40/+220 °C -25/+220 °C
Zero halogen:	acc. to DIN VDE 0472 part 815 and IEC 60754-1
Burning characteristics:	flame retardant and self-extinguishing acc. to IEC 60332-1-2 and EN 60332-1-2
Corrosivity:	in compliance with IEC 60754-2 and EN 50267-2-2 + VDE 0482 part 267-2-2 - no development of corrosive conflagration gases
Absence of harmful substances:	acc. to RoHS-guideline 2002/95/EG as well as GefStoffV appendix IV-no. 24, see page N/25

SABIX® A 100 HT

item no.	mm ²	AWG MCM	nominal outer-ø inch	mm	cable weight ≈ lbs/mft
▶ 7100 .. 25*	0.25	24	0.091	2.3	5
▶ 7100 .. 34*	0.34	22	0.094	2.4	5
▶ 7100 .. 50*	0.50	20	0.098	2.5	7
▶ 7100 .. 75*	0.75	19	0.110	2.8	9
▶ 7100 .. 80*	1.00	18	0.114	2.9	10
▶ 7100 .. 82*	1.50	16	0.134	3.4	14
▶ 7100 .. 84*	2.50	14	0.157	4.0	22
▶ 7100 .. 86*	4.00	12	0.181	4.6	32
▶ 7100 .. 87*	6.00	10	0.201	5.1	45
▶ 7100 .. 88*	10.0	8	0.291	7.4	81
▶ 7100 .. 89*	16.0	6	0.331	8.4	118
▶ 7100 .. 90*	25.0	4	0.406	10.3	190
▶ 7100 .. 91*	35.0	2	0.453	11.5	259
▶ 7100 .. 92*	50.0	1	0.559	14.2	369
▶ 7100 .. 93*	70.0	2/0	0.598	15.2	495
▶ 7100 .. 94*	95.0	3/0	0.732	18.6	678
▶ 7100 .. 95*	120.0	4/0	0.791	20.1	816
▶ 7100 .. 96*	150.0	250	0.874	22.2	1015
▶ 7100 .. 97*	185.0	350	0.929	23.6	1228
▶ 7100 .. 98*	240.0	450	1.075	27.3	1651
▶ 7100 .. 99*	300.0	550	1.197	30.4	2058

Other dimensions and colors are possible on request.

SABIX® A 101 HT

item no.	mm ²	AWG MCM	nominal outer-ø inch	mm	cable weight ≈ lbs/mft
▶ 7101 .. 25*	0.25	24	0.091	2.3	5
▶ 7101 .. 34*	0.34	22	0.094	2.4	5
▶ 7101 .. 50*	0.50	20	0.098	2.5	7
▶ 7101 .. 75*	0.75	19	0.110	2.8	9
▶ 7101 .. 80*	1.00	18	0.114	2.9	10
▶ 7101 .. 82*	1.50	16	0.134	3.4	14
▶ 7101 .. 84*	2.50	14	0.157	4.0	22
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▶ 7101 .. 90*	25.0	4	0.406	10.3	190
▶ 7101 .. 91*	35.0	2	0.453	11.5	259
▶ 7101 .. 92*	50.0	1	0.559	14.2	369
▶ 7101 .. 93*	70.0	2/0	0.598	15.2	495
▶ 7101 .. 94*	95.0	3/0	0.732	18.6	678
▶ 7101 .. 95*	120.0	4/0	0.791	20.1	816
▶ 7101 .. 96*	150.0	250	0.874	22.2	1015
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▶ 7101 .. 99*	300.0	550	1.197	30.4	2058

Other dimensions and colors are possible on request.

* Color code for single conductors:

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|-------------|-------------------|
| 01 = black | 06 = green |
| 02 = blue | 07 = violet |
| 03 = brown | 08 = white |
| 04 = gray | 16 = gentian blue |
| 05 = yellow | 27 = green-yellow |

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Web site: www.sabcable.com

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