

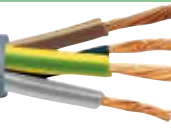
# Halogen-free Cables

## SABIX® A 205 FRNC

control cable with coloured cores, improved fire performance and extended temperature range



BRÖCKSKES · D-VIERSEN · SABIX® A 205 FRNC 4 x 1,5 mm<sup>2</sup> CE



marking example:

SAB BRÖCKSKES · D-VIERSEN · SABIX® A 205 FRNC 4 x 1,5 mm<sup>2</sup> CE

### Construction:

<b>Conductor:</b>	bare copper strands acc. to IEC 60228, VDE 0295, class 5
<b>Insulation:</b>	SABIX®
<b>Colour code:</b>	coloured acc. to HD 308 (VDE 0293-308), green-yellow earth wire from 3 cores
<b>Stranding:</b>	in layers
<b>Sheath material:</b>	SABIX®
<b>Sheath colour:</b>	grey (RAL 7000)

### Outstanding features:

- » halogen-free
- » no flame propagation
- » flame retardant and self-extinguishing
- » very flexible
- » very good stripping
- » PFAS free

### Technical Data:

<b>Nominal voltage:</b>	U <sub>0</sub> /U 300/500 V
<b>Testing voltage:</b>	core/core 3000 V
<b>Min. bending radius</b>	
<i>fixed laying:</i>	4 x d
<i>flexible application:</i>	6 x d
<b>Temperature range</b>	
<i>fixed laying:</i>	-40/+85 °C
<i>flexible application:</i>	-30/+85 °C
<b>Halogen-free:</b>	acc. to IEC 60754-1 + VDE 0482-754-1
<b>Fire performance:</b>	no flame propagation acc. to IEC 60332-3-24 + VDE 0482-332-3-24 resp. IEC 60332-3-25 + VDE 0482-332-3-25 cat. C resp. D, see chapter N „Technical data“. Flame retardant and self-extinguishing acc. to IEC 60332-1-2 + VDE 0482-332-1-2
<b>Corrosiveness of conflagration gases:</b>	in compliance with IEC 60754-2 + VDE 0482-754-2 - no development of corrosive conflagration gases
<b>Smoke density:</b>	acc. to IEC 61034 + VDE 0482-1034
<b>Flexibility:</b>	good
<b>Absence of harmful substances:</b>	acc. to RoHS directive of the European Union, see chapter N „Technical data“

item no.	no. of cores x cross section n x mm <sup>2</sup>	largest single wire ø mm	outer-ø ± 10% mm	copper figure kg/km	cable weight ≈ kg/km
62050205	2 x 0,50	0,21	5,0	9,6	37
62050305	3 x 0,50	0,21	5,3	14,4	43
62050405	4 x 0,50	0,21	5,7	19,2	51
62050505	5 x 0,50	0,21	6,0	24,0	63
62050705	7 x 0,50	0,21	6,9	33,6	77
62050207	2 x 0,75	0,21	5,6	14,4	48
62050307	3 x 0,75	0,21	5,9	21,6	56
62050407	4 x 0,75	0,21	6,6	28,8	70
62050507	5 x 0,75	0,21	7,2	36,0	83
62050707	7 x 0,75	0,21	8,0	50,4	106
62050210	2 x 1,00	0,21	5,8	19,2	54
62050310	3 x 1,00	0,21	6,3	28,8	67
62050410	4 x 1,00	0,21	6,8	38,4	80
62050510	5 x 1,00	0,21	7,7	48,0	100
62050710	7 x 1,00	0,21	8,3	67,2	123
62050215	2 x 1,50	0,26	6,6	28,8	72
62050315	3 x 1,50	0,26	7,0	43,2	86
62050415	4 x 1,50	0,26	7,8	57,6	108
62050515	5 x 1,50	0,26	8,5	72,0	129

item no.	no. of cores x cross section n x mm <sup>2</sup>	largest single wire ø mm	outer-ø ± 10% mm	copper figure kg/km	cable weight ≈ kg/km
62050715	7 x 1,50	0,26	9,4	100,8	166
62050225	2 x 2,50	0,26	8,0	48,0	109
62050325	3 x 2,50	0,26	8,5	72,0	131
62050425	4 x 2,50	0,26	9,4	96,0	164
62050525	5 x 2,50	0,26	10,5	120,0	196
62050725	7 x 2,50	0,26	11,4	168,0	255
62050340	3 x 4,00	0,31	9,9	115,2	192
62050440	4 x 4,00	0,31	11,0	153,6	240
62050540	5 x 4,00	0,31	12,3	192,0	296
62050360	3 x 6,00	0,31	11,6	172,8	274
62050460	4 x 6,00	0,31	12,4	230,4	343
62050560	5 x 6,00	0,31	14,4	288,0	422
62050361	3 x 10,0	0,41	15,3	288,0	470
62050461	4 x 10,0	0,41	16,9	384,0	587
62050561	5 x 10,0	0,41	18,8	480,0	716
62050462	4 x 16,0	0,41	20,8	614,4	895
62050463	4 x 25,0	0,41	24,9	960,0	1388
62050464	4 x 35,0	0,41	28,8	1334,0	1927
62050465	4 x 50,0	0,41	33,3	1920,0	2631

Other dimensions and colours are possible on request.