

# Cable Track Cables

**SAB<sup>clean</sup> SD 776** continuously flexible data cable

**SAB<sup>clean</sup> S 776** continuously flexible control cable



Marking for **SAB<sup>clean</sup> SD 776** 37761402:  
 SAB BRÖCKSKES · D-VIERSEN · SAB Clean SD 776 · 14 x 0,25 mm² CE RoHS and current meter marking



Marking for **SAB<sup>clean</sup> S 776** 37760410:  
 SAB BRÖCKSKES · D-VIERSEN · SAB Clean S 776 · 4 G 1,0 mm² CE RoHS and current meter marking

## Construction:

<b>Conductor:</b>	<b>SD 776:</b> bare copper strands, extra fine wire <b>S 776:</b> bare copper strands acc. to IEC 60228, VDE 0295, class 6
<b>Insulation:</b>	TPE
<b>Colour code:</b>	<b>SD 776:</b> with reference to DIN 47100 <b>S 776:</b> black cores with consecutive numbers acc. to EN 50334 + VDE 0293-334, green-yellow earth wire from 3 cores
<b>Stranding:</b>	specialy adjusted layering
<b>Wrapping:</b>	non-woven tape
<b>Sheath material:</b>	TPE
<b>Sheath colour:</b>	black (RAL 9005)

## Technical data:

<b>Peak operating voltage:</b>	<b>SD 776:</b> max. 350 V
<b>Nominal voltage:</b>	<b>S 776:</b> U <sub>0</sub> /U 300/500 V
<b>Testing voltage</b>	<b>SD 776:</b> core/core 1500 V <b>S 776:</b> core/core 2000 V
<b>Min. bending radius:</b>	7,5 x d
<b>Temperature range</b>	<i>fixed laying:</i> -40/+80 °C <i>flexible application:</i> -30/+80 °C
<b>Oil resistance:</b>	very good - Oil 60 °C acc. to UL 758
<b>Air cleanliness class 1:</b>	acc. to DIN EN ISO 14644-1
<b>Absence of harmful substances:</b>	acc. to RoHS directive of the European Union

## Outstanding features:



- flexible at low temperatures
- high abrasion resistance
- small outer diameter
- oil resistant

item no.	no. of cores x cross section n x mm <sup>2</sup>	largest single wire ø mm	outer-ø ± 5% mm	copper figure kg/km	cable weight ≈ kg/km	ohmic resistance at 20 °C max. Ω/km
<b>SD 776</b>						
37760302	3 x 0,25	0,11	4,1	7,2	23	78,0
37760402	4 x 0,25	0,11	4,3	9,6	26	78,0
37760502	5 x 0,25	0,11	4,6	12,0	31	78,0
37760602	6 x 0,25	0,11	5,0	14,4	37	78,0
37760702	7 x 0,25	0,11	5,3	16,8	42	78,0
37761002	10 x 0,25	0,11	6,1	24,0	52	78,0
37761402	14 x 0,25	0,11	6,5	33,6	65	78,0
37760503	5 x 0,34	0,11	4,9	16,3	37	57,4
37763203	32 x 0,34	0,11	9,9	104,4	162	57,4
<b>S 776</b>						
37760205	2 x 0,50	0,16	5,3	9,6	35	39,0
37760305	3 x 0,50	0,16	5,5	14,4	41	39,0
37760405	4 x 0,50	0,16	5,9	19,2	49	39,0
37760505	5 x 0,50	0,16	6,4	24,0	60	39,0
37760705	7 x 0,50	0,16	7,3	33,6	79	39,0
37761205	12 x 0,50	0,16	8,7	57,6	111	39,0
37760407	4 x 0,75	0,16	6,5	28,8	63	26,0
37760507	5 x 0,75	0,16	7,1	36,0	77	26,0
37760707	7 x 0,75	0,16	8,1	50,4	104	26,0
37760410	4 x 1,00	0,16	7,0	38,4	77	19,5
37760415	4 x 1,50	0,16	7,7	57,6	100	13,3
37760515	5 x 1,50	0,16	8,4	72,0	123	13,3
37760425	4 x 2,50	0,16	9,6	96,0	157	7,98
37760440	4 x 4,00	0,16	12,1	153,6	252	4,95
37760460	4 x 6,00	0,21	13,2	230,4	335	3,30
37760461	4 x 10,0	0,21	15,8	384,0	514	1,91

Other dimensions and colours are possible on request.



**Cleanroom classification**  
**DIN EN ISO 14644-1**  
**air cleanliness class 1**