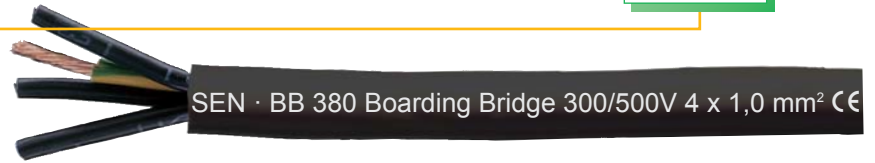


# FLEXIBLE SPECIALTY CABLES

## BB 380 Boarding Bridge Cables for the flexible application in passenger bridges



Marking for BB 380 Boarding Bridge 53800410:  
SAB BRÖCKSKES · D-VIERSEN · BB 380 Boarding Bridge 300/500V 4 x 1,0 mm² CE

The BB 380 Boarding Bridge cable is designed for flexible use in passenger bridges. In addition to halogen-free this cables has further advantages: With features such as oil resistance, weather resistance and UV resistance, the BB 380 Boarding Bridge is ideal suitable for use in passenger boarding bridges.

### Construction:

<b>Conductor:</b>	bare copper strands acc. to IEC 60228, EN 60228, VDE 0295, class 5
<b>Insulation:</b>	special SABIX®
<b>Colour code:</b>	black cores with consecutive numbers acc. to EN 50334; green-yellow earth wire from 3 cores
<b>Stranding:</b>	in layers
<b>Wrapping:</b>	non-woven tape
<b>Jacket material:</b>	PUR
<b>Jacket color:</b>	black

### Outstanding features:

- halogen-free
- oil resistant
- weather resistant
- sunlight resistant

### Technical data:

<b>Nominal voltage:</b>	up to AWG 18: Uo/U 300/500V from AWG 16: Uo/U 0,6/1 kV
<b>Testing voltage U:</b>	300/500V: 3000 V acc. to DIN VDE 0281 part 2 + HD 21.2 0,6/1 kV: 4000 V acc. to DIN VDE 0281 part 2 + HD 21.2
<b>Min. bending radius</b> <i>fixed laying:</i>	4 x O.D.
<i>flexible application:</i>	7,5 x O.D.
<b>Radiation resistance:</b>	5 x 107 cJ/kg
<b>Temperature range</b> <i>static:</i>	-40/+90°C
<i>flexing:</i>	-30/+90°C
<b>Zero halogen:</b>	acc. to DIN VDE 0472 part 815 and IEC 60754-1
<b>Burning characteristics:</b>	flame retardant and self-extinguishing acc. to IEC 60332-1-2 and EN 60332-1-2
<b>Oil resistance:</b>	very good - TMPU acc. to DIN VDE 0282 part 10 + HD 22.10
<b>Chemical resistance:</b>	good against acids, alkalines, solvents, hydraulic liquids, etc.
<b>UV-resistance:</b>	very good
<b>Weather resistance:</b>	good
<b>Absence of harmful substances:</b>	acc. to RoHS directive of the European Union see page N/28

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#### 300/500 V

item no.	no. of conductors incl. ground	nominal outer-ø inch	mm	cable weight ≈ lbs/mft
<b>▶ 20 AWG (≈ 16/32) • 0.50 mm²</b>				
53800205	2	0.201	5.1	20
53800305	3	0.213	5.4	26
53800405	4	0.228	5.8	31
53800505	5	0.248	6.3	37
53800705	7	0.287	7.3	50
53801205	12	0.358	9.1	78
<b>▶ 19 AWG (≈ 23/32) • 0.75 mm²</b>				
53800207	2	0.224	5.7	26
53800307	3	0.236	6.0	33
53800407	4	0.256	6.5	40
53800507	5	0.280	7.1	49
53800707	7	0.327	8.3	67
53801207	12	0.406	10.3	107
<b>▶ 18 AWG (≈ 30/32) • 1.00 mm²</b>				
53800210	2	0.232	5.9	30
53800310	3	0.244	6.2	38
53800410	4	0.264	6.7	47
53800510	5	0.291	7.4	58
53800710	7	0.339	8.6	78
53801210	12	0.421	10.7	126

#### 0.6/1 kV

item no.	no. of conductors incl. ground	nominal outer-ø inch	mm	cable weight ≈ lbs/mft
<b>▶ 16 AWG (≈ 27-29/30) • 1.50 mm²</b>				
53800215	2	0.319	8.1	52
53800315	3	0.339	8.6	67
53800415	4	0.374	9.5	85
53800515	5	0.409	10.4	103
<b>▶ 14 AWG (≈ 46/30) • 2.50 mm²</b>				
53800225	2	0.374	9.5	75
53800325	3	0.394	10.0	98
53800425	4	0.429	10.9	120
53800525	5	0.480	12.2	151
<b>▶ 12 AWG (≈ 52/28) • 4.00 mm²</b>				
53800240	2	0.421	10.7	102
53800340	3	0.453	11.5	136
53800440	4	0.496	12.6	171
53800540	5	0.559	14.2	216

#### 0.6/1 kV

item no.	no. of conductors incl. ground	nominal outer-ø inch	mm	cable weight ≈ lbs/mft
<b>▶ 10 AWG (≈ 78/28) • 6.00 mm²</b>				
53800260	2	0.469	11.9	136
53800360	3	0.496	12.6	179
53800460	4	0.559	14.2	234
53800560	5	0.614	15.6	286
<b>▶ 8 AWG (≈ 77/26) • 10.00 mm²</b>				
53800261	2	0.626	15.9	222
53800361	3	0.661	16.8	303
53800461	4	0.732	18.6	380
53800561	5	0.815	20.7	475

Other dimensions and colors are possible on request.



**For installation in passenger bridges!**  
**Screened version on request!**

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Web site: [www.sabcable.com](http://www.sabcable.com)