

# Cable Track Cables

## SAB<sup>clean</sup> SD 787 C TP

continuously flexible paired data cable with overall copper screen



Marking for SAB<sup>clean</sup> SD 787 C TP 37810725:

SAB BRÖCKSKES · D-VIERSEN · SAB Clean SD 787 C TP · 7 x 2 x 0,25 mm² CE RoHS and current meter marking

### Construction:

<b>Conductor:</b>	tinned copper strands, extra fine wire with reference to VDE 0812
<b>Insulation:</b>	TPE
<b>Colour code:</b>	with reference to DIN 47100
<b>Stranding:</b>	cores twisted to pairs in specially adjusted layering
<b>Wrapping:</b>	non-woven tape
<b>Screen:</b>	tinned copper braiding
<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>	max. 350 V	
<b>Testing voltage:</b>	core/core	1500 V
	core/screen	1200 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
- good EMC characteristics

item no.	no. of pairs x cross section n x 2 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
37810225	2 x 2 x 0,25	0,11	5,5	25,2	45	80,0
37810325	3 x 2 x 0,25	0,11	6,1	30,7	53	80,0
37810425	4 x 2 x 0,25	0,11	7,0	39,1	67	80,0
37810525	5 x 2 x 0,25	0,11	7,5	44,5	78	80,0
37810625	6 x 2 x 0,25	0,11	7,7	49,6	86	80,0
37810725	7 x 2 x 0,25	0,11	8,0	56,3	99	80,0
37810825	8 x 2 x 0,25	0,11	9,6	65,0	125	80,0
37811225	12 x 2 x 0,25	0,11	10,8	104,3	158	80,0
37810850	8 x 2 x 0,50	0,11	12,1	129,7	211	40,1

Other dimensions and colours are possible on request.



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