

# S 771

가동용 클린룸 케이블 (번호 & 색상식별)

VIERSSEN · Thomas Cable SAB Clean S 771 · 4G1,0mm<sup>2</sup> · CE RoHS



Marking for Thomas Cable SAB<sup>clean</sup> S 771 37710410:  
SAB BRÖCKSKES · D-VIERSSEN · Thomas Cable SAB Clean S 771 · 4G1,0mm<sup>2</sup> · CE RoHS

Construction:	
Conductor:	bare copper strands, especially for continuous flexible applications
Insulation:	TPE
Colour code:	<b>SD 771:</b> with reference to DIN 47100 <b>S 771:</b> black cores with consecutive numbers acc. to EN 50334 + VDE 0293-334, green-yellow earth wire from 3 cores, ≤ 4 cores: coloured acc. to HD 308 (VDE 0293-308)
Stranding:	cores twisted with special adjusted layering, wrapped with tape over each layer
Sheath material:	TPE
Sheath colour:	black (RAL 9005)

Outstanding features:	
	● high abrasion resistance
	● small outer diameter
	● oil resistant

Technical data:	
Peak operating voltage:	<b>SD 771:</b> max. 350 V
Nominal voltage:	<b>S 771:</b> U <sub>o</sub> /U 300/500 V
Testing voltage	<b>SD 771:</b> core/core 1500 V <b>S 771:</b> core/core 2000 V
Min. bending radius <i>continuously flexible:</i>	7,5 x d
Temperature range <i>fixed laying:</i> <i>flexible application:</i>	-40/+70 °C +5/+70 °C
Fire performance:	flame retardant acc. to IEC 60332-1-2
Oil resistance:	very good - Oil 60 °C acc. to UL 758
Air cleanliness class 1:	acc. to DIN EN 14644-1 US Federal Standard 209 E
Absence of harmful substances:	acc. to RoHS directive of the European Union

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	DC resistance at 20 °C max. Ω/km
<b>S 771</b>						
37710205	2 x 0,50	0,16	4,5	9,6	27	39,0
37710405	4 G 0,50	0,16	5,1	19,2	40	39,0
37710705	7 G 0,50	0,16	6,5	33,6	66	39,0
37711205	12 G 0,50	0,16	7,8	57,6	97	39,0
37710407	4 G 0,75	0,16	5,8	28,8	53	26,0
37710607	6 x 0,75	0,16	6,9	43,2	77	26,0
37710410	4 G 1,00	0,16	6,0	38,4	63	19,5
37710415	4 G 1,50	0,16	6,7	57,6	83	13,3
37710425	4 G 2,50	0,16	8,1	96,0	129	7,98
37710440	4 G 4,00	0,16	9,8	153,6	196	4,95
37710460	4 G 6,00	0,21	11,4	230,4	288	3,30

Other dimensions and colours are possible on request.



Cleanroom classification  
DIN EN ISO 14644-1  
air cleanliness class 1,  
US Federal Standard 209 E  
air cleanliness class 1.