

SD 771

TPE/TPE 가동&클린룸용 데이터 케이블(색상식별)



Marking for Thomas Cable **SAB**^{clean} SD 771 37711402:
SAB BRÖCKSKES · D-VIERSEN · Thomas Cable **SAB** Clean SD 771 · 14x0,25mm² · **CE** RoHS

Construction:	
Conductor:	bare copper strands, especially for continuous flexible applications
Insulation:	TPE
Colour code:	SD 771: with reference to DIN 47100 S 771: 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:	SD 771: max. 350 V
Nominal voltage:	S 771: U ₀ /U 300/500 V
Testing voltage	SD 771: core/core 1500 V S 771: 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 mm²	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
SD 771						
37710302	3 x 0,25	0,11	4,0	7,2	22	78,0
37710402	4 x 0,25	0,11	4,2	9,6	26	78,0
37710502	5 x 0,25	0,11	4,6	12,0	31	78,0
37710702	7 x 0,25	0,11	5,2	16,8	41	78,0
37711002	10 x 0,25	0,11	6,0	24,0	51	78,0
37711402	14 x 0,25	0,11	6,4	33,6	64	78,0
37711503	15 x 0,34	0,11	7,6	49,5	89	57,4
37711802	18 x 0,25	0,11	7,2	43,2	80	78,0
37712502	25 x 0,25	0,11	8,6	60,0	108	78,0
37710603	6 x 0,34	0,11	5,2	19,8	42	57,4
37710903	9 x 0,34	0,11	6,5	29,7	65	57,4

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