

S 775 C

가동용 클린룸 차폐 케이블 (번호 & 색상식별)



Marking for Thomas Cable **SAB**_{clean} S 775 C 37750415:
SAB BRÖCKSKES · D-VIERSEN · Thomas Cable **SAB** Clean S 775 C · 4x1,50mm² · **CE** RoHS

Construction:

Conductor:	bare copper strands, especially for continuous flexible applications
Insulation:	TPE
Colour code:	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
Screen:	tinned copper braiding wrapped with tape
Sheath material:	TPE
Sheath colour:	black (RAL 9005)

Technical data:

Nominal voltage:	U _o /U 300/500 V
Testing voltage:	core/core 2000 V core/screen 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

Outstanding features:



- high abrasion resistance
- small outer diameter
- oil resistant
- good EMC characteristics

item no.	no. of cores x cross section n x mm ²	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
37750405	4 G 0,50	0,16	5,6	34,9	51	39,0
37750407	4 G 0,75	0,16	6,3	46,2	66	26,0
37750415	4 G 1,50	0,16	7,4	78,0	97	13,3
37750425	4 G 2,50	0,16	8,8	122,1	146	7,98
37750440	4 G 4,00	0,16	10,7	200,1	232	4,95

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.



Also available
as shielded data cable!