

RT 793 D

토션&클린룸용 제어 차폐 케이블 (토션 앵글 : 1m에서 최대 $\pm 360^\circ$, UL/CSA 승인)



Marking for **SAB^{clean}** RT 793 D 37930415:

SAB BRÖCKSKES · D-VIERSEN · 4 x 1,5 mm² **SAB Clean** RT 793 D 16 AWG/4c 37930415

AWM Style 21060 80°C 600V CSA AWM I/II A/B 80°C 600V FT1 FT2 **CE**

Construction:

Conductor:	bare copper strands acc. to IEC 60228, EN 60228, VDE 0295, class 6
Insulation:	TPE
Colour code:	black cores with consecutive numbers acc. to EN 50334; green-yellow earth wire from 3 cores
Stranding:	specially adjusted layering
Wrapping:	netting tape, non-woven tape
Screen:	wrapped with bare copper wires
Wrapping:	non-woven tape
Sheath material:	TPE
Sheath colour:	whitegreen (RAL 6019)

Technical data:

Nominal voltage U₀/U:	DIN VDE 300/500 V	
Voltage UL/CSA:	600 V	
Testing voltage:	core/core	3000 V
	core/screen	2000 V
Torsion angle:	up to $\pm 360^\circ/1$ m	
Min. bending radius:	continuously flexible 7,5 x d	
Temperature range	DIN VDE	UL/CSA
<i>fixed laying:</i>	-50/+70 °C	up to +80 °C
<i>flexible application:</i>	-40/+70 °C	up to +80 °C
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:

- rugged and reliable
- torsion angle up to $\pm 360^\circ$ over 1 m

item no.	no. of cores x cross section n x mm ²	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
37930505	5 x 0,50	0,16	8,7	40,3	99	39,0
37930415	4 x 1,50	0,16	9,6	88,3	145	13,3
37931215	12 x 1,50	0,16	14,1	216,4	317	13,3
37930225	2 x 2,50	0,16	9,8	80,7	140	7,98
37930425	4 x 2,50	0,16	11,0	130,9	192	7,98

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.