

RT 123 DTP (B)

토션&클린룸용 데이터 차폐 케이블 (토션 앵글 : 1m에서 최대 $\pm 450^\circ$, UL/CSA 승인)



Marking for **SAB^{clean}** RT 123 D TP (B) 37939001:

SAB BRÖCKSKES · D-VIERSEN SAB Clean RT 123 D TP (B) AWM Style 20233 80°C 300V CSA AWM I/II A/B 80°C 300V FT1 FT2 37939001

Construction:

Conductor:	bare copper strands, extra fine wire, with reference to DIN VDE 0812
Insulation:	TPE
Colour code:	colour code US 2
Stranding:	cores twisted to pairs in specially adjusted layering
Wrapping:	netting tape, non-woven tape
Screen:	wrapped with bare copper wires
Drain wire:	bare copper strands, extra fine wire 0,34 mm ²
Wrapping:	non-woven tape
Sheath material:	TPE
Sheath colour:	whitegreen (RAL 6019)

Technical data:

Peak operating voltage:	DIN VDE max. 350 V	
Voltage UL/CSA:	300 V	
Testing voltage:	core/core	2000 V
	core/screen	2000 V
Torsion angle:	up to $\pm 450^\circ/1$ 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 $\pm 450^\circ$ over 1 m

item no.	no. of cores x cross section n x 2 x mm ²	largest single wire ø mm	outer-ø ± 5% mm	copper figure kg/km	cable weight ≈ kg/km
37939001	3 x 2 x 0,34	0,11	7,7	37,7	69
37939002	4 x 2 x 0,34	0,11	8,6	44,5	82

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.