

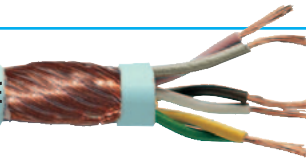
Torsion Cables

SAB^{clean} RT 123 D TP (B)

torsional data cable with twisted pairs and overall copper screen



80°C 300V CSA AWM I/II A/B 80°C 300V FT1 FT2 CE



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

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 CE

Construction:

Conductor:	bare copper strands, extra fine wire, with reference to 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:	max. 350 V	
Voltage UL/CSA:	300 V	
Testing voltage:	core/core	2000 V
	core/screen	2000 V
Torsion angle:	up to ± 450°/1 m	
Min. bending radius <i>continuously flexible:</i>	7,5 x d	
Temperature range	DIN VDE	UL/CSA: up to +80 °C
<i>fixed laying:</i>	-50/+70 °C	
<i>flexible application:</i>	-40/+70 °C	
Air cleanliness class 1:	acc. to DIN EN ISO 14644-1	
Absence of harmful substances:	acc. to RoHS directive of the European Union	

Outstanding features:



- rugged and reliable
- torsion angle up to ± 450° over 1 m

item no.	no. of pairs 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
on request	3 x 2 x 0,34	0,11	7,7	37,7	69
	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