

Continuous Flex Cables for Cleanrooms

SAB_{clean} SD 787 C TP

Continuous flexible paired data cable with overall shield



Marking for SAB_{clean} SD 787 C TP 37810725:

SAB BRÜCKSKES · D-VIERSEN · SAB Clean SD 787 C TP · 7 x 2 x 0.25 mm² CE RoHS

Construction:

Conductor:	tinned copper strands, extra fine wires with reference to VDE 0812
Insulation:	TPE
Color code:	DIN 47100, see below
Stranding:	conductors twisted to pairs in specially adjusting layering
Wrapping:	non-woven tape
Shielding:	tinned copper braiding
Wrapping:	non-woven tape
Jacket material:	TPE
Jacket color:	black (RAL 9005)

Outstanding features:



- flexible at low temperatures
- high abrasion resistance
- oil resistant
- good EMC characteristics

Technical data:

Peak operating voltage:	max. 350 V
Testing voltage:	conductor/conductor: 1500 V conductor/shielding: 1200 V
Min. bending radius:	7.5 x O.D.
Temperature range:	<i>static:</i> -40/+80°C <i>flexing:</i> -30/+80°C
Oil resistance:	very good - oil rating 60°C acc. to UL 758
Air cleanliness class 1:	acc. to ISO 14644-1
Approvals:	CE, RoHS
Absence of harmful substances:	acc. to RoHS directive of the European Union see page O/30

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item no.	no. of pairs	outer-ø		cable weight ≈lbs/mft	ohmic resistance at 20°C max. Ω/km
		±10% inch	±10% mm		
▶ 24 AWG • 0.25 mm²					
37810225	2	0.217	5.5	30	80
37810325	3	0.240	6.1	36	80
37810425	4	0.276	7.0	45	80
37810525	5	0.295	7.5	52	80
37810625	6	0.303	7.7	58	80
37810725	7	0.315	8.0	67	80
37810825	8	0.378	9.6	84	80
37811225	12	0.425	10.8	106	80
▶ 20 AWG • 0.50 mm²					
37810850	8	0.476	12.1	142	40.1

Other dimensions and colors are available on request

DIN 47100 color code:

#1- white/brown, #2- green/yellow, #3- gray/pink, #4- blue/red, #5- black/purple, #6- gray-pink/red-blue, #7- white-green/brown-green, #8- white-yellow/yellow-brown, #9- white-gray/gray-brown, #10- white-pink/pink-brown, #11- white-blue/brown-blue, #12- white-red/brown-red