

CONTINUOUS FLEX CABLES



SD 200 C Continuous flex halogen-free PUR shielded data cable with extreme temperature range

D-VIERSEN · SD 200 C 25 x 0,14 mm² CE



Marking for SD 200 C 07842501:

SAB BRÖCKSKES · D-VIERSEN · SD 200 C 25 x 0.14 mm² CE

SD 200 C is a continuous flex shielded multi-conductor cable with a temperature range of -40°C up to +90°C designed for high speed applications in the most extreme conditions. The halogen-free PUR outer jacket passes the stringent VDE test 0282 part 10 and HD 22.10 oil test and provides excellent resistance to chemicals and abrasion. An overall tinned copper shield is recommended whenever electrical interference distorts signal transmission, or when EMI emissions need to be suppressed.

**B
36**

Construction:

Conductor:	bare copper strands, extra fine wires
Insulation:	TPE
Color code:	with reference to DIN 47100, see page O/26
Stranding:	specially adjusted layering with non-woven tape over each layer
Wrapping:	non-woven tape
Screen:	tinned copper braiding
Wrapping:	non-woven tape
Jacket material:	PUR, TMPU acc. to DIN VDE 0282 part 10 + HD 22.10 with matte surface
Jacket color:	grayish tan

Outstanding features:

- free from paint wetting disruptive substances (LABS - free)
- flexible at low temperatures
- halogen-free
- travel > 10 m is possible
- good EMC characteristics
- high abrasion resistance

Technical data:

Peak operating voltage:	max. 350 V acc. to DIN VDE
Testing voltage U:	1500 V acc. to DIN VDE 0472 part 509 conductor/screen 1200 V
Min. bending radius continuous flexing:	7.5 x O.D.
Radiation resistance:	5 x 10 ⁷ cJ/kg
Temperature range static:	-50/+90°C
flexing:	-40/+90°C
Zero halogen:	acc. to DIN VDE 0472 part 815 and IEC 60754-1
Oil resistance:	very good acc. to DIN VDE 0282 part 10 + HD 22.10
Chemical resistance:	good against acids, alkalines, solvents, hydraulic liquids etc.
Continuous flexibility:	very good
Weather resistance:	very good
Absence of harmful substances:	acc. to RoHS directive of the European Union see page O/30

item no.	no. of conductors	nominal outer-ø inch	outer-ø mm	cable weight ≈ lbs/mft	item no.	no. of conductors	nominal outer-ø inch	outer-ø mm	cable weight ≈ lbs/mft	item no.	no. of conductors	nominal outer-ø inch	outer-ø mm	cable weight ≈ lbs/mft
▶ 26 AWG (≈ 18/38) • 0.14 mm ²					▶ 24 AWG (≈ 32/38) • 0.25 mm ²					▶ 22 AWG (≈ 42/38) • 0.34 mm ²				
07840201	2	0.146	3.7	13	07840202	2	0.157	4.0	15	07840203	2	0.165	4.2	17
07840301	3	0.150	3.8	14	07840302	3	0.165	4.2	17	07840303	3	0.173	4.4	21
07840401	4	0.161	4.1	16	07840402	4	0.173	4.4	22	07840403	4	0.185	4.7	24
07840501	5	0.169	4.3	18	07840502	5	0.185	4.7	24	07840503	5	0.197	5.0	28
07840701	7	0.193	4.9	24	07840702	7	0.213	5.4	32	07840703	7	0.224	5.7	36
07841201	12	0.224	5.7	32	07841002	10	0.244	6.2	38	07841203	12	0.264	6.7	50
07841801	18	0.256	6.5	43	07841202	12	0.252	6.4	44	07841803	18	0.307	7.8	71
07842501	25	0.299	7.6	55	07841802	18	0.287	7.3	59	07842503	25	0.370	9.4	95
07843201	32	0.327	8.3	69	07842502	25	0.346	8.8	79	07843203	32	0.402	10.2	122
					07843202	32	0.366	9.3	95					

Other dimensions and colors are possible on request.

E-mail: info@sabcable.com



Web site: www.sabcable.com