

Continuous Flex

SD 200

Continuous flex halogen-free polyurethane data cable with extreme temperature range



BRÜCKSKES · D-VIERSEN · SD 200 25 x 0.14 mm² CE



Marking for SD 200 07742501

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

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Construction:

Conductor:	bare copper strands, extra fine wires
Insulation:	TPE
Color code:	DIN 47100, see page O/26
Stranding:	specialy adjusted layering with non-woven tape over each layer
Wrapping:	non-woven tape
Jacket material:	PUR, TPU acc. to EN50363-10-2 + VDE 0207-363-10-2 with matte surface
Jacket color:	grayish tan (RAL 7032)

Outstanding features:



- free from paint wetting impairment substances (PWIS-free)
- flexible at low temperatures
- halogen-free
- travel > 10 m is possible
- high abrasion resistance
- minimal bending radius
- small outer diameter

Technical data:

Peak operating voltage:	max. 350 V acc. to VDE 0812
Testing voltage:	conductor/conductor: 1500 V
Min. bending radius: <i>continuously flexing:</i>	7.5 x O.D.
Radiation resistance:	1 x 10 ⁷ cJ/kg
Temperature range: <i>static:</i> <i>flexing:</i>	DIN VDE -50/+90°C -40/+90°C
Halogen-free:	acc. to IEC 60754-1 + VDE 0482-754-1
Oil resistance:	very good - TPU acc. to EN 50363-10-2 + VDE 0207-363-10-2
Chemical resistance:	good against acids, alkalines, solvents, hydraulic liquids, etc.
Continuous flexibility	very good
Weather resistance:	very good
Approvals:	CE, EAC, RoHS
Absence of harmful substances:	acc. to RoHS directive of the European Union see page O/30

item no.	no. of conductors incl. ground	nominal outer-ø inch	mm	cable weight ≈lbs/mft
▶ 26 AWG (≈ 18/38) ▪ 0.14 mm²				
07740201	2	0.122	3.1	8
07740301	3	0.130	3.3	10
07740401	4	0.146	3.7	13
07740501	5	0.161	4.1	16
07740701	7	0.185	4.7	22
07741001	10	0.217	5.5	28
07741201	12	0.224	5.7	32
07741401	14	0.232	5.9	36
07741801	18	0.268	6.8	48
07742501	25	0.319	8.1	63
07743201	32	0.350	8.9	81

item no.	no. of conductors incl. ground	nominal outer-ø inch	mm	cable weight ≈lbs/mft
▶ 24 AWG (≈ 32/38) ▪ 0.25 mm²				
07740202	2	0.130	3.3	11
07740302	3	0.146	3.7	13
07740402	4	0.157	4.0	15
07740502	5	0.169	4.3	20
07740702	7	0.197	5.0	26
07741002	10	0.217	5.5	34
07741202	12	0.232	5.9	40
07741402	14	0.240	6.1	46
07741802	18	0.268	6.8	59
07742502	25	0.319	8.1	82
07743202	32	0.350	8.9	104

item no.	no. of conductors incl. ground	nominal outer-ø inch	mm	cable weight ≈lbs/mft
▶ 22 AWG (≈ 42/38) ▪ 0.34 mm²				
07740203	2	0.146	3.7	11
07740303	3	0.154	3.9	14
07740403	4	0.165	4.2	17
07740503	5	0.177	4.5	20
07740703	7	0.205	5.2	28
07741003	10	0.240	6.1	35
07741203	12	0.248	6.3	40
07741403	14	0.260	6.6	46
07741803	18	0.287	7.3	59
07742503	25	0.350	8.9	82
07743203	32	0.374	9.5	104

Other dimensions and colors are available on request



Possible on request:

- 20 AWG or 19 AWG

