

Continuous Flex Cables for Track

SD 86

Continuous flex data cable for moderate flexing applications



RÖCKSKES · D-VIERSEN · SD 86 25 x 0.25 mm² CE



Marking for SD 86 37722502:

SAB BRÖCKSKES · D-VIERSEN · SD 86 25 x 0.25 mm² CE

Construction:

Conductor:	bare copper strands, extra fine wires
Insulation:	PVC, T12 acc. to EN 50363-3 + VDE 0207-363-3
Color code:	DIN 47100, see below
Stranding:	specially adjusted layering with non-woven tape over each layer
Jacket material:	PVC, TM2 acc. to EN 50363-4-1 +VDE 0207-363-4-1, reinforced wall thickness
Jacket color:	grayish tan (RAL 7032)

Outstanding features:



- very good flexibility
- small bending radius
- reinforced outer jacket

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:	8 x 10 ⁷ cJ/kg
Temperature range: <i>static:</i> <i>flexing:</i>	DIN VDE -30/+70°C +5/+70°C
Burning characteristics:	flame retardant and self-extinguishing acc. to IEC 60332-1-2 + VDE 0482-332-1-2
Oil resistance:	acc. to our internal standard, see page O/29
Chemical resistance:	see page O/11
Flexibility	very good
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 conductors	outer-ø		cable weight
		±10% inch	±10% mm	≈lbs/mft
▶ 26 AWG (≈ 18/38) ▪ 0.14 mm²				
37720201	2	0.122	3.1	9
37720301	3	0.130	3.3	10
37720401	4	0.138	3.5	11
37720501	5	0.150	3.8	14
37720701	7	0.173	4.4	19
37721201	12	0.220	5.6	29
37721801	18	0.252	6.4	40
37722501	25	0.307	7.8	54

item no.	no. of conductors	outer-ø		cable weight
		±10% inch	±10% mm	≈lbs/mft
▶ 24 AWG (≈ 32/38) ▪ 0.25 mm²				
37720202	2	0.134	3.4	11
37720302	3	0.142	3.6	13
37720402	4	0.154	3.9	15
37720502	5	0.165	4.2	19
37720702	7	0.197	5.0	26
37721202	12	0.244	6.2	40
37721802	18	0.283	7.2	57
37722502	25	0.343	8.7	77

item no.	no. of conductors	outer-ø		cable weight
		±10% inch	±10% mm	≈lbs/mft
▶ 22 AWG (≈ 42/38) ▪ 0.34 mm²				
37720203	2	0.157	4.0	15
37720303	3	0.165	4.2	18
37720403	4	0.181	4.6	22
37720503	5	0.197	5.0	26
37720703	7	0.240	6.1	39
37721203	12	0.295	7.5	56
37721803	18	0.346	8.8	81
37722503	25	0.429	10.9	114

Other dimensions and colors are available on request

DIN 47100 color code:

#1- white, #2- brown, #3- green, #4- yellow, #5- gray, #6- pink, #7- blue, #8- red, #9- black, #10- violet, #11- gray-pink, #12- red-blue, #13- white-green, #14- brown-green, #15- white-yellow, #16- yellow-brown, #17- white-gray, #18- gray-brown, #19- white-pink, #20- pink-brown, #21- white-blue, #22- brown-blue, #23- white-red, #24- brown-red, #25- white-black



Possible on request:

- 20 AWG & 19 AWG