

CONTINUOUS FLEX CABLES

SD 950 Continuous flex cable track data cable for moderate flexing applications



SAB BRÖCKSKES · D-VIERSEN · 37302502 25 x 0,25 mm² SD 950 24 AWG/25c 37302425 AWM Style 21222 75°C 300V CE

Marking for SD 950 37302425:

SD 950 has been designed for use in cable tracks, automatic handling equipment and machine components in constant operation. The special cable design makes SD 950 ideally suited for a wide range of moderate flexing operations.

Construction:

Conductor:	bare copper strands, extra fine wires
Insulation:	PVC TI2 acc. to DIN VDE 0281 part 1 + HD 21.1
Color code:	acc. to color code US 2 see page N/23
Stranding:	specially adjusted layering with non-woven tape over each layer
Jacket material:	PVC TM2 acc. to DIN VDE 0281 part 1 + HD 21.1, reinforced wall thickness
Jacket color:	gray

Outstanding features:

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

Technical data:

Peak operating voltage:	DIN VDE: max. 350 V UL: 300 V
Testing voltage U:	1500 V acc. to DIN VDE 0472 part 509
Min. bending radius <i>continuous 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 UL: up to +75°C -30/+70°C -5/+70°C
Burning characteristics:	flame retardant and self-extinguishing acc. to IEC 60332-1-2 + EN 60332-1-2, UL VW-1
Chem. resistance:	see page N/9
Flexibility:	very good
Absence of harmful substances:	acc. to RoHS-guideline 2002/95/EG as well as GefStoffV appendix IV-no. 24, see page N/25

item no.	no. of conductors	nominal outer-ø inch	nominal outer-ø mm	cable weight ≈ lbs/mft
▶ 26 AWG (18/38) • 0.14 mm²				
37302602	2	0.122	3.1	9
37302603	3	0.130	3.3	10
37302604	4	0.138	3.5	11
37302605	5	0.150	3.8	14
37302607	7	0.173	4.4	19
37302612	12	0.213	5.4	26
37302618	18	0.252	6.4	40
37302625	25	0.307	7.8	51

item no.	no. of conductors	nominal outer-ø inch	nominal outer-ø mm	cable weight ≈ lbs/mft
▶ 24 AWG (32/38) • 0.25 mm²				
37302402	2	0.134	3.4	11
37302403	3	0.142	3.6	13
37302404	4	0.154	3.9	15
37302405	5	0.165	4.2	19
37302407	7	0.193	4.9	26
37302412	12	0.244	6.2	38
37302418	18	0.283	7.2	56
37302425	25	0.343	8.7	73

item no.	no. of conductors	nominal outer-ø inch	nominal outer-ø mm	cable weight ≈ lbs/mft
▶ 22 AWG (42/38) • 0.34 mm²				
37302202	2	0.157	4.0	15
37302203	3	0.165	4.2	17
37302204	4	0.181	4.6	21
37302205	5	0.197	5.0	26
37302207	7	0.240	6.1	38
37302212	12	0.295	7.5	54
37302218	18	0.346	8.8	80
37302225	25	0.429	10.9	108

Other dimensions and colors are possible on request.