

Continuous Flex

SD 960

Continuous flex data cable for small bending radius



37102625 AWM Style 21083 80°C 300V



Marking for SD 960 37102625:

SAB BRÖCKSKES · D-VIERSEN · 37102625 25 x 0.14 mm² SD 960 26 AWG/25c 37102625 AWM Style 21083 80°C 300V

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Construction:

Conductor:	bare copper strands, extra fine wires
Insulation:	PVC, Tl2 acc. to EN 50363-3 + VDE 0207-363-3
Color code:	acc. to color code US 2, see page O/27
Stranding:	specially adjusted layering with non-woven tape over each layer
Jacket material:	PVC, TM2 acc. to EN 50363-3 + VDE 0207-363-3
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	
Voltage UL:	300 V	
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	UL/CSA: up to +80°C
Burning characteristics:	flame retardant and self-extinguishing acc. to IEC 60332-1-2 + VDE 0482-332-1-2, UL VW-1	
Oil resistance:	acc. to our internal standard, see page O/29	
Approvals:	UR AWM, 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				
37102602	2	0.154	3.9	11
37102603	3	0.161	4.1	14
37102604	4	0.177	4.5	16
37102605	5	0.193	4.9	20
37102607	7	0.224	5.7	28
37102610	10	0.264	6.7	33
37102614	14	0.283	7.2	42
37102618	18	0.323	8.2	56
37102625	25	0.398	10.1	78

item no.	no. of conductors incl. ground	nominal outer-ø inch	mm	cable weight ≈lbs/mft
▶ 24 AWG (≈ 32/38) ▪ 0.25 mm²				
37102402	2	0.165	4.2	15
37102403	3	0.177	4.5	17
37102404	4	0.189	4.8	21
37102405	5	0.209	5.3	26
37102407	7	0.248	6.3	36
37102410	10	0.287	7.3	44
37102414	14	0.319	8.1	58
37102418	18	0.354	9.0	74
37102425	25	0.433	11.0	102

item no.	no. of conductors incl. ground	nominal outer-ø inch	mm	cable weight ≈lbs/mft
▶ 22 AWG (≈ 42/38) ▪ 0.34 mm²				
37102202	2	0.173	4.4	17
37102203	3	0.185	4.7	20
37102204	4	0.201	5.1	24
37102205	5	0.217	5.5	30
37102207	7	0.260	6.6	41
37102210	10	0.311	7.9	53
37102214	14	0.335	8.5	69
37102218	18	0.374	9.5	87
37102225	25	0.461	11.7	120

Other dimensions and colors are available on request