

Continuous Flex Cables for Track

SD 960 P

Continuous flex polyurethane data cable for small bending radius



80°C 300V CSA AWM I/II A/B 80°C 300V FT1 FT2 CE



Marking for SD 960 P 7762225:

SAB BRÖCKSKES · D-VIERSEN · 7762503 25 x 0.34 mm² SD 960 P 22 AWG/25c 7762225 AWM Style 20233 80°C 300V CSA AWM I/II A/B 80°C 300V FT1 FT2 CE

Construction:

Conductor:	bare copper strands, extra fine wires
Insulation:	PVC, TI2 acc. to EN 50363-3 + VDE 0207-363-3
Color code:	US 2, see below
Stranding:	specially adjusted layering with non-woven tape over each layer
Jacket material:	PU acc. to UL 758 with matte surface
Jacket color:	grayish tan (RAL 7032)

Outstanding features:

- very good oil resistance
- very good chemical resistance
- high abrasion resistance
- very good flexibility

Technical data:

Peak operating voltage:	max. 350 V
Voltage UL/CSA:	300 V
Testing voltage:	conductor/conductor: 1500 V
Min. bending radius: <i>continuously flexing:</i>	7.5 x O.D.
Radiation resistance:	5 x 10 ⁷ cJ/kg
Temperature range: <i>static:</i> <i>flexing:</i>	DIN VDE UL/CSA: up to +80°C -30/+70°C +5/+70°C
Burning characteristics:	flame retardant and self-extinguishing acc. to UL FT1, CSA FT1, FT2
Oil resistance:	very good - oil rating 60°C acc. to UL 758
Approvals:	UR AWM, CSA 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	nominal outer-ø inch	mm	cable weight ≈lbs/mft
► 26 AWG (≈ 18/38) ▪ 0.14 mm²				
7762602	2	0.177	4.5	13
7762603	3	0.185	4.7	16
7762604	4	0.201	5.1	19
7762605	5	0.217	5.5	23
7762607	7	0.248	6.3	30
7762610	10	0.276	7.0	36
7762614	14	0.295	7.5	48
7762618	18	0.339	8.6	56
7762625	25	0.398	10.1	73

item no.	no. of conductors	nominal outer-ø inch	mm	cable weight ≈lbs/mft
► 24 AWG (≈ 32/38) ▪ 0.25 mm²				
7762402	2	0.189	4.8	16
7762403	3	0.201	5.1	19
7762404	4	0.213	5.4	23
7762405	5	0.232	5.9	28
7762407	7	0.268	6.8	35
7762410	10	0.299	7.6	47
7762414	14	0.323	8.2	56
7762418	18	0.366	9.3	74
7762425	25	0.449	11.4	101

item no.	no. of conductors	nominal outer-ø inch	mm	cable weight ≈lbs/mft
► 22 AWG (≈ 42/38) ▪ 0.34 mm²				
7762202	2	0.197	5.0	18
7762203	3	0.209	5.3	22
7762204	4	0.224	5.7	26
7762205	5	0.240	6.1	32
7762207	7	0.280	7.1	40
7762210	10	0.315	8.0	52
7762214	14	0.339	8.6	67
7762218	18	0.386	9.8	86
7762225	25	0.476	12.1	118

Other dimensions and colors are available on request

US 2 color code:

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



Possible on request:

- 20 AWG or 19 AWG
- with orange jacket and colored conductors acc. to DIN 47100