

Continuous Flex Cables for Track

SD 960 CY TP

Continuous flex twisted pairs shielded data cable for small bending radius



Marking for SD 960 CY TP 7772403:

SAB BRÖCKSKES · D-VIERSEN · 7770325 3 x 2 x 0,25 mm² SD 960 CY TP 24 AWG/3pr 7772403 AWM Style 21083 80°C 300V CE

B
18

Construction:

Conductor:	bare copper strands, extra fine wires
Insulation:	PVC, T12 acc. to EN 50363-3 + VDE 0207-363-3
Color code:	acc. to color code US 3, see below
Stranding:	conductors twisted to pairs, pairs twisted in specially adjusted layering with non-woven tape over the outer layer
Shielding:	tinned copper braiding
Jacket material:	PVC, TM2 acc. to EN 50363-3 + VDE 0207-363-3
Jacket color:	black (RAL 9005)

Technical data:

Peak operating voltage:	max. 350 V
Voltage UL:	300 V
Testing voltage:	conductor/conductor: 1500 V conductor/shielding: 1200 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 UL/CSA: up to +80°C -30/+70°C -5/+70°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, RoHS
Absence of harmful substances:	acc. to RoHS directive of the European Union see page O/30

Outstanding features:



- very good flexibility
- small bending radius
- UV resistant jacket

item no.	no. of pairs	outer-ø		cable weight
		±10% inch	±10% mm	≈lbs/mft
▶ 26 AWG (≈ 18/38) • 0.14 mm²				
7772602	2	0.240	6.1	32
7772603	3	0.264	6.7	39
7772604	4	0.299	7.6	46
7772605	5	0.339	8.6	57
7772607	7	0.362	9.2	73
7772610	10	0.421	10.7	93
7772614	14	0.504	12.8	123
7772618	18	0.547	13.9	163
7772625	25	0.634	16.1	210
▶ 24 AWG (≈ 32/38) • 0.25 mm²				
7772402	2	0.256	6.5	36
7772403	3	0.283	7.2	47
7772404	4	0.335	8.5	58
7772405	5	0.366	9.3	69
7772407	7	0.386	9.8	91
7772410	10	0.461	11.7	116
7772414	14	0.555	14.1	168
7772418	18	0.594	15.1	205
7772425	25	0.689	17.5	265

item no.	no. of pairs	outer-ø		cable weight
		±10% inch	±10% mm	≈lbs/mft
▶ 22 AWG (≈ 42/38) • 0.34 mm²				
7772202	2	0.268	6.8	40
7772203	3	0.291	7.4	51
7772204	4	0.350	8.9	69
7772205	5	0.378	9.6	79
7772207	7	0.417	10.6	111
7772210	10	0.492	12.5	131
7772214	14	0.587	14.9	193
7772218	18	0.646	16.4	240
7772225	25	0.724	18.4	299

item no.	no. of pairs	outer-ø		cable weight
		±10% inch	±10% mm	≈lbs/mft
▶ 20 AWG (≈ 28/34) • 0.50 mm²				
7772002	2	0.291	7.4	47
7772003	3	0.339	8.6	70
7772004	4	0.386	9.8	86
7772005	5	0.425	10.8	108
7772007	7	0.461	11.7	138
7772010	10	0.555	14.1	187
7772014	14	0.657	16.7	251
7772018	18	0.705	17.9	308
7772025	25	0.795	20.2	387

Other dimensions and colors are available on request

US 3 color code:

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



Possible on request:

- with gray jacket and colored conductors acc. to DIN 47100