

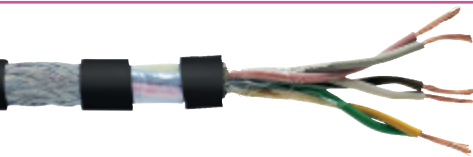
Continuous Flex

SD 960 CY TP

Continuous flex twisted pairs shielded data cable for small bending radius



AWM I/II A/B 80°C 300V FT1 FT2 CE



Marking for SD 960 CY TP 07772403:

SAB BRÖCKSKES · D-VIERSEN · 07770325 3 x 2 x 0.25 mm² SD 960 CY TP 24 AWG/3pr 07772403 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 page O/27
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, EAC, 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	nominal outer-ø inch	mm	cable weight ≈lbs/mft
▶ 26 AWG (≈ 18/38) • 0.14 mm²				
07772602	2	0.220	5.6	26
07772603	3	0.252	6.4	35
07772604	4	0.287	7.3	44
07772605	5	0.311	7.9	52
07772607	7	0.335	8.5	67
07772610	10	0.390	9.9	79
07772614	14	0.453	11.5	101
07772618	18	0.488	12.4	127
07772625	25	0.555	14.1	155
▶ 24 AWG (≈ 32/38) • 0.25 mm²				
07772402	2	0.248	6.3	36
07772403	3	0.272	6.9	42
07772404	4	0.311	7.9	52
07772405	5	0.339	8.6	63
07772407	7	0.362	9.2	82
07772410	10	0.425	10.8	100
07772414	14	0.496	12.6	132
07772418	18	0.535	13.6	163
07772425	25	0.618	15.7	217

item no.	no. of pairs	nominal outer-ø inch	mm	cable weight ≈lbs/mft
▶ 22 AWG (≈ 42/38) • 0.34 mm²				
07772202	2	0.260	6.6	38
07772203	3	0.283	7.2	47
07772204	4	0.327	8.3	59
07772205	5	0.354	9.0	71
07772207	7	0.382	9.7	97
07772210	10	0.449	11.4	114
07772214	14	0.524	13.3	151
07772218	18	0.575	14.6	202
07772225	25	0.654	16.6	259

item no.	no. of pairs	nominal outer-ø inch	mm	cable weight ≈lbs/mft
▶ 20 AWG (≈ 28/34) • 0.50 mm²				
07772002	2	0.283	7.2	47
07772003	3	0.311	7.9	58
07772004	4	0.358	9.1	71
07772005	5	0.394	10.0	90
07772007	7	0.425	10.8	122
07772010	10	0.496	12.6	146
07772014	14	0.591	15.0	205
07772018	18	0.638	16.2	254
07772025	25	0.728	18.5	329

Other dimensions and colors are available on request



Possible on request:

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