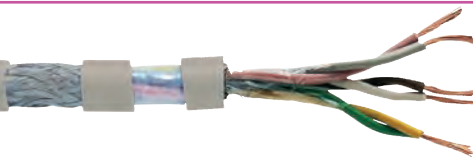


## SD 960 CP TP

Continuous flex twisted pairs shielded polyurethane data cable for small bending radius



AWM I/II A/B 80°C 300V FT1 FT2 CE



Marking for SD 960 CP TP 7872405:

SAB BRÖCKSKES · D-VIERSEN · 7870525 5 x 2 x 0,25 mm<sup>2</sup> SD 960 CP TP 24 AWG/5pr 7872405 AWM Style 20549 80°C 300V CSA AWM I/II A/B 80°C 300V FT1 FT2 CE

### Construction:

<b>Conductor:</b>	bare copper strands, extra fine wires
<b>Insulation:</b>	PVC, T12 acc. to EN 50363-3 + VDE 0207-363-3
<b>Color code:</b>	acc. to color code US 3, see page O/27
<b>Stranding:</b>	conductors twisted to pairs, pairs twisted in specially adjusted layering with non-woven tape over each layer
<b>Shielding:</b>	tinned copper braiding
<b>Wrapping:</b>	non-woven tape
<b>Jacket material:</b>	PU acc. to UL 758 with matte surface
<b>Jacket color:</b>	grayish tan (RAL 7032)

### Technical data:

<b>Peak operating voltage:</b>	max. 350 V	
<b>Voltage UL/CSA:</b>	300 V	
<b>Testing voltage:</b>	conductor/conductor: 1500 V conductor/shielding: 1200 V	
<b>Min. bending radius:</b> <i>continuously flexing:</i>	7.5 x O.D.	
<b>Radiation resistance:</b>	5 x 10 <sup>7</sup> cJ/kg	
<b>Temperature range:</b> <i>static:</i> <i>flexing:</i>	<b>DIN VDE</b> -30/+70°C	<b>UL/CSA:</b> up to +80°C
<b>Burning characteristics:</b>	flame retardant and self-extinguishing acc. to UL FT1, CSA FT1, FT2	
<b>Oil resistance:</b>	very good- oil rating 60°C acc. to UL 758	
<b>Chemical resistance:</b>	good against acids, alkalines, solvents, hydraulic liquids, etc.	
<b>Approvals:</b>	UR AWM, CSA AWM, CE, EAC, RoHS	
<b>Absence of harmful substances:</b>	acc. to RoHS directive of the European Union see page O/30	

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### Outstanding features:



- very good EMC characteristics
- high abrasion resistance
- very good flexibility

item no.	no. of pairs	nominal outer-ø inch	nominal outer-ø mm	cable weight ≈lbs/mft
<b>▶ 26 AWG (≈ 18/38) • 0.14 mm<sup>2</sup></b>				
7872602	2	0.252	6.4	31
7872603	3	0.268	6.8	35
7872604	4	0.311	7.9	43
7872605	5	0.335	8.5	50
7872607	7	0.354	9.0	78
7872610	10	0.417	10.6	84
7872614	14	0.496	12.6	114
7872618	18	0.555	14.1	159
7872625	25	0.638	16.2	196
<b>▶ 24 AWG (≈ 32/38) • 0.25 mm<sup>2</sup></b>				
7872402	2	0.268	6.8	35
7872403	3	0.295	7.5	42
7872404	4	0.331	8.4	51
7872405	5	0.362	9.2	62
7872407	7	0.386	9.8	81
7872408	8	0.450	11.4	98
7872410	10	0.469	11.9	111
7872414	14	0.563	14.3	160
7872418	18	0.614	15.6	202
7872425	25	0.693	17.6	249

item no.	no. of pairs	nominal outer-ø inch	nominal outer-ø mm	cable weight ≈lbs/mft
<b>▶ 22 AWG (≈ 42/38) • 0.34 mm<sup>2</sup></b>				
7872202	2	0.280	7.1	40
7872203	3	0.303	7.7	46
7872204	4	0.350	8.9	58
7872205	5	0.378	9.6	68
7872207	7	0.413	10.5	101
7872210	10	0.492	12.5	126
7872214	14	0.594	15.1	184
7872218	18	0.646	16.4	221
7872225	25	0.732	18.6	285
<b>▶ 20 AWG (≈ 28/34) • 0.50 mm<sup>2</sup></b>				
7872002	2	0.303	7.7	50
7872003	3	0.335	8.5	58
7872004	4	0.382	9.7	73
7872005	5	0.421	10.7	101
7872007	7	0.469	11.9	123
7872010	10	0.563	14.3	179
7872014	14	0.657	16.7	240
7872018	18	0.713	18.1	308
7872025	25	0.807	20.5	376

item no.	no. of pairs	nominal outer-ø inch	nominal outer-ø mm	cable weight ≈lbs/mft
<b>▶ 19 AWG (≈ 42/34) • 0.75 mm<sup>2</sup></b>				
7871902	2	0.339	8.6	61
7871903	3	0.374	9.5	73
7871904	4	0.441	11.2	101
7871905	5	0.488	12.4	130
7871907	7	0.551	14.0	187
7871910	10	0.642	16.3	223
7871914	14	0.752	19.1	306
7871918	18	0.819	20.8	384
7871925	25	0.976	24.8	531

Other dimensions and colors are available on request



### Possible on request:

- colored conductors acc. to DIN 47100