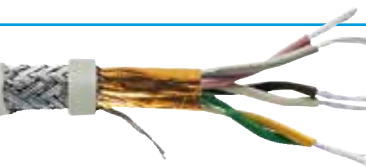


## DC 300 DS TP

semi rigid PVC data cable, twisted pairs with double screen

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



marking example:

SAB BRÖCKSKES · D-VIERSEN · 03840322 DC 300 DS TP 22 AWG/3pr 03842203

AWM Style 2464 80°C 300V CSA AWM I/II A/B 80°C 300V FT1 FT2 CE

### Construction:

<b>Conductor:</b>	tinned copper strands acc. to ASTM B 286
<b>Insulation:</b>	semi-rigid PVC
<b>Colour code:</b>	acc. to colour code US 3, see chapter N „Technical data“
<b>Stranding:</b>	cores twisted to pairs, pairs twisted in layers
<b>Screen:</b>	double screen, alu foil, tinned copper braiding with tinned drain wire (0,22 mm <sup>2</sup> )
<b>Sheath material:</b>	PVC
<b>Sheath colour:</b>	grey (RAL 7032)

### Technical data:

<b>Peak operating voltage:</b>	max. 350 V	
<b>Voltage UL/CSA:</b>	300 V	
<b>Testing voltage:</b>	core/core	2000 V
	core/screen	2000 V
<b>Min. bending radius</b>		
<i>fixed laying:</i>	5 x d	
<i>flexible application:</i>	10 x d	
<b>Radiation resistance:</b>	8 x 10 <sup>7</sup> cJ/kg	
<b>Temperature range</b>	DIN VDE	UL/CSA: up to +80 °C
<i>fixed laying:</i>	-30/+70 °C	
<i>flexible application:</i>	-5/+70 °C	
<b>Fire performance:</b>	flame retardant and self-extinguishing acc. to IEC 60332-1-2 + VDE 0482-332-1-2, UL VW1, CSA FT1, FT2	
<b>Oil resistance:</b>	acc. to internal standard, see chapter N „Technical data“	
<b>Absence of harmful substances:</b>	acc. to RoHS directive of the European Union, see chapter N „Technical data“	

### Outstanding features:

- » very good EMC characteristic
- » small outer diameter
- » small bending radius
- » PFAS free

item no.	no. of pairs x cross section n x 2 x AWG	outer-Ø ± 10% mm	copper figure kg/km	cable weight ≈ kg/km
03840228	2 x 2 x 28	5,1	17,8	34
03840328	3 x 2 x 28	5,5	19,7	39
03840428	4 x 2 x 28	6,1	22,9	46
03840528	5 x 2 x 28	6,6	26,5	52
03840728	7 x 2 x 28	6,9	30,1	59
03841028	10 x 2 x 28	7,9	38,8	73
03841428	14 x 2 x 28	9,0	50,0	95
03841828	18 x 2 x 28	9,6	59,7	112
03842528	25 x 2 x 28	10,9	63,8	153
03840226	2 x 2 x 26	5,4	19,8	38
03840326	3 x 2 x 26	5,9	22,8	44
03840426	4 x 2 x 26	6,6	27,1	52
03840526	5 x 2 x 26	7,0	31,6	60
03840726	7 x 2 x 26	7,3	38,8	70
03841026	10 x 2 x 26	8,5	43,2	83
03841426	14 x 2 x 26	9,7	56,1	118
03841826	18 x 2 x 26	10,5	93,9	148
03842526	25 x 2 x 26	11,6	119,3	185

item no.	no. of pairs x cross section n x 2 x AWG	outer-Ø ± 10% mm	copper figure kg/km	cable weight ≈ kg/km
03840224	2 x 2 x 24	5,8	22,7	44
03840324	3 x 2 x 24	6,3	29,3	53
03840424	4 x 2 x 24	7,1	35,9	64
03840524	5 x 2 x 24	7,6	40,3	73
03840724	7 x 2 x 24	8,0	51,6	87
03841024	10 x 2 x 24	9,0	68,9	112
03841424	14 x 2 x 24	10,6	105,1	157
03841824	18 x 2 x 24	11,6	128,5	192
03842524	25 x 2 x 24	13,0	164,9	246
03840222	2 x 2 x 22	6,3	29,7	54
03840322	3 x 2 x 22	6,8	37,9	64
03840422	4 x 2 x 22	7,7	47,9	79
03840522	5 x 2 x 22	8,3	56,7	93
03840722	7 x 2 x 22	8,7	70,5	110
03841022	10 x 2 x 22	10,2	95,5	146
03841422	14 x 2 x 22	11,9	144,6	203
03841822	18 x 2 x 22	12,7	167,1	243
03842522	25 x 2 x 22	14,7	200,2	308

Other dimensions and colours are possible on request.