

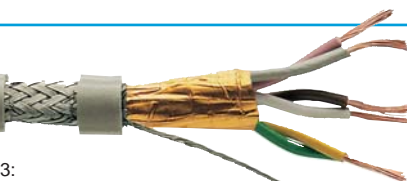
very good  
EMC

# DATA CABLES



## DC 300 DS TP Multipair double shielded PVC signal and control cable

SA AWM I/II A/B 80°C 300V FT1 FT2 CE



Marking for DC 300 DS TP 03842603:

SAB BRÖCKSKES · D-VIERSEN · 03840326 DC 300 DS TP 26 AWG/3pr 03842603 AWM Style 2464 80°C 300V CSA AWM I/II A/B 80°C 300V FT1 FT2 CE

DC 300 DS TP is a double shielded UL recognized, CSA approved multipair signal and control cable for use in American designed computer, data transmission and office equipment, process control and instrumentation.

### Construction:

<b>Conductor:</b>	tinned copper strands acc. to. ASTM B 286
<b>Insulation:</b>	semi-rigid PVC
<b>Color code:</b>	color code US 3 see see page N/25
<b>Stranding:</b>	conductors twisted to pairs, pairs twisted in layers
<b>Screen:</b>	double screen, Alu-foil, tinned copper braiding with tinned drain wire (AWG 24/7)
<b>Jacket material:</b>	PVC, YM1 acc. to DIN VDE 0207 part 5
<b>Jacket color:</b>	gray

### Outstanding features:

- ▶ very good EMC characteristic
- ▶ small outer diameter
- ▶ small bending radius

### Technical data:

<b>Voltage:</b>	<b>UL/CSA:</b> 300 V	
<b>Peak operating voltage:</b>	max. 350 V	
<b>Testing voltage:</b>	800 V	
<b>Min. bending radius</b>		
<i>fixed installation:</i>	5 x O.D.	
<i>free movement:</i>	10 x O.D.	
<b>Radiation resistance:</b>	8 x 10 <sup>7</sup> cJ/kg	
<b>Temperature range</b>	<b>UL/CSA:</b>	
<i>static:</i>	-30/+70 °C	up to +80 °C
<i>flexing:</i>	-5/+70 °C	up to +80 °C
<b>Burning characteristics:</b>	flame retardant and self-extinguishing acc. to IEC 60332-1-2 + EN 60332-1-2, UL VW1, CSA FT1, FT2	
<b>Oil resistance:</b>	acc. to internal standard, see page N/27	
<b>Absence of harmful substances:</b>	acc. to RoHS directive of the European Union see page N/28	

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item no.	no. of pairs	nominal outer-ø inch	nominal outer-ø mm	cable weight ≈ lbs/mft	item no.	no. of pairs	nominal outer-ø inch	nominal outer-ø mm	cable weight ≈ lbs/mft	item no.	no. of pairs	nominal outer-ø inch	nominal outer-ø mm	cable weight ≈ lbs/mft					
▶ <b>AWG 28/7</b>					▶ <b>AWG 24/7</b>					▶ <b>AWG 22/7</b>									
03842802	2	0.201	5.1	19	03842402	2	0.228	5.8	26	03842202	2	0.248	6.3	32					
03842803	3	0.217	5.5	23	03842403	3	0.248	6.3	32	03842203	3	0.268	6.8	40					
03842804	4	0.240	6.1	27	03842404	4	0.280	7.1	39	03842204	4	0.303	7.7	48					
03842805	5	0.256	6.5	31	03842405	5	0.299	7.6	46	03842205	5	0.327	8.3	58					
03842807	7	0.272	6.9	36	03842407	7	0.311	7.9	54	03842207	7	0.343	8.7	70					
03842810	10	0.311	7.9	45	03842410	10	0.362	9.2	71	03842210	10	0.402	10.2	95					
03842814	14	0.354	9.0	57	03842414	14	0.421	10.7	94	03842214	14	0.465	11.8	124					
03842818	18	0.378	9.6	70	03842418	18	0.453	11.5	116	03842218	18	0.500	12.7	156					
03842825	25	0.425	10.8	87	03842425	25	0.508	12.9	148	03842225	25	0.579	14.7	207					
▶ <b>AWG 26/7</b>																			
03842602	2	0.213	5.4	22															
03842603	3	0.232	5.9	27															
03842604	4	0.260	6.6	32															
03842605	5	0.276	7.0	38															
03842607	7	0.287	7.3	42															
03842610	10	0.335	8.5	56															
03842614	14	0.386	9.8	73															
03842618	18	0.413	10.5	89															
03842625	25	0.465	11.8	112															

Other dimensions and colors are possible on request.

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Web site: [www.sabcable.com](http://www.sabcable.com)