

DATA CABLES

very good
EMC

DC 300 DS Multiconductor double shielded PVC signal and control cable



Marking for DC 300 DS 03242625:

SAB BRÖCKSKES · D-VIERSEN · 03242526 DC 300 DS 26 AWG/25c 03242625 AWM Style 2464 80°C 300V CSA AWM I/II A/B 80°C 300V FT1 FT2 CE

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

Construction:

Conductor:	tinned copper strands acc. to. ASTM B 286
Insulation:	semi-rigid PVC
Color code:	color code US 2 see see page N/25
Stranding:	in layers
Screen:	double screen, Alu-foil, tinned copper braiding with tinned drain wire (AWG 24/7)
Jacket material:	PVC, YM1 acc. to DIN VDE 0207 part 5
Jacket color:	gray

Outstanding features:

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

Technical data:

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

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item no.	no. of conductors	nominal outer-ø inch	nominal outer-ø mm	cable weight ≈ lbs/mft	item no.	no. of conductors	nominal outer-ø inch	nominal outer-ø mm	cable weight ≈ lbs/mft	item no.	no. of conductors	nominal outer-ø inch	nominal outer-ø mm	cable weight ≈ lbs/mft					
▶ AWG 28/7					▶ AWG 24/7					▶ AWG 22/7									
03242802	2	0.169	4.3	14	03242402	2	0.185	4.7	18	03242202	2	0.197	5.0	21					
03242803	3	0.173	4.4	16	03242403	3	0.193	4.9	20	03242203	3	0.205	5.2	25					
03242804	4	0.181	4.6	17	03242404	4	0.201	5.1	24	03242204	4	0.217	5.5	28					
03242805	5	0.193	4.9	20	03242405	5	0.217	5.5	28	03242205	5	0.232	5.9	34					
03242807	7	0.201	5.1	23	03242407	7	0.228	5.8	32	03242207	7	0.248	6.3	40					
03242810	10	0.236	6.0	29	03242410	10	0.272	6.9	42	03242210	10	0.295	7.5	54					
03242812	12	0.244	6.2	32	03242412	12	0.280	7.1	47	03242212	12	0.303	7.7	60					
03242814	14	0.252	6.4	34	03242414	14	0.287	7.3	52	03242214	14	0.315	8.0	67					
03242818	18	0.272	6.9	41	03242418	18	0.315	8.0	64	03242218	18	0.346	8.8	83					
03242825	25	0.311	7.9	50	03242425	25	0.366	9.3	82	03242225	25	0.406	10.3	110					
▶ AWG 26/7					Other dimensions and colors are possible on request.														
03242602	2	0.177	4.5	16															
03242603	3	0.181	4.6	17															
03242604	4	0.193	4.9	20															
03242605	5	0.201	5.1	24															
03242607	7	0.213	5.4	26															
03242610	10	0.252	6.4	34															
03242612	12	0.260	6.6	38															
03242614	14	0.268	6.8	41															
03242618	18	0.291	7.4	50															
03242625	25	0.335	8.5	63															