

# DATA CABLES

also available  
with color code  
DIN 47100

## SRY D 311 Semi-rigid PVC data cable



Marking for SRY D 311 03112225

SAB BRÖCKSKES · D-VIERSEN · 03112522 SRY D 311 22 AWG/25c 03112225 AWM Style 2464 80°C 300V CSA AWM I/II A/B 80°C 300V FT1 FT2 CE

SRY D 311 is a UL recognized, CSA approved unshielded, multiconductor signal and control cable for use in measuring, control and voice signals primarily used in medical technologies, scales and low voltage switchboard and machinery, in control and measuring technologies. For the North American market the conductors of this cable are color coded in acc to US 2.

### Construction:

<b>Conductor:</b>	bare copper strands acc. to. ASTM B 286
<b>Insulation:</b>	semi-rigid PVC
<b>Color code:</b>	color code US 2 see see page N/25
<b>Stranding:</b>	in layers
<b>Jacket material:</b>	PVC, YM1 acc. to DIN VDE 0207 part 5
<b>Jacket color:</b>	gray

### Technical data:

<b>Voltage:</b>	<b>UL/CSA:</b> 300 V		
<b>Testing voltage:</b>	1500 V		
<b>Min. bending radius</b>	<i>fixed installation:</i>	5 x O.D.	
	<i>free movement:</i>	10 x O.D.	
<b>Temperature range</b>	<b>DIN VDE</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, CSA FT1 FT2		
<b>Oil resistance:</b>	acc. to internal standard, see page N/27		
<b>Chem. resistance:</b>	see page N/9		
<b>Absence of harmful substances:</b>	acc. to RoHS directive of the European Union see page N/28		

### Outstanding features:

- ▶ flexible
- ▶ small outer diameter
- ▶ small bending radius

item no.	no. of conductors	nominal outer-ø inch	mm	cable weight ≈ lbs/mft
<b>▶ AWG 26/7</b>				
03112602	2	0.142	3.6	11
03112603	3	0.150	3.8	13
03112604	4	0.157	4.0	14
03112605	5	0.169	4.3	17
03112607	7	0.181	4.6	20
03112608	8	0.205	5.2	24
03112612	12	0.224	5.7	30
03112616	16	0.248	6.3	38
03112618	18	0.260	6.6	41
03112625	25	0.307	7.8	54
<b>▶ AWG 24/7</b>				
03112402	2	0.154	3.9	13
03112403	3	0.161	4.1	15
03112404	4	0.169	4.3	18
03112405	5	0.185	4.7	22
03112407	7	0.197	5.0	26
03112408	8	0.224	5.7	30
03112412	12	0.248	6.3	40
03112416	16	0.272	6.9	50
03112418	18	0.283	7.2	55
03112425	25	0.335	8.5	72

item no.	no. of conductors	nominal outer-ø inch	mm	cable weight ≈ lbs/mft
<b>▶ AWG 22/7</b>				
03112202	2	0.165	4.2	16
03112203	3	0.173	4.4	19
03112204	4	0.185	4.7	23
03112205	5	0.201	5.1	28
03112207	7	0.217	5.5	34
03112208	8	0.244	6.2	40
03112212	12	0.272	6.9	52
03112216	16	0.299	7.6	67
03112218	18	0.315	8.0	74
03112225	25	0.370	9.4	98
<b>▶ AWG 20/19</b>				
03112002	2	0.185	4.7	22
03112003	3	0.193	4.9	27
03112004	4	0.209	5.3	32
03112005	5	0.224	5.7	38
03112007	7	0.244	6.2	53
03112012	12	0.311	7.9	77
03112018	18	0.362	9.2	110
03112025	25	0.488	12.4	153

item no.	no. of conductors	nominal outer-ø inch	mm	cable weight ≈ lbs/mft
<b>▶ AWG 18/19</b>				
03111802	2	0.205	5.2	29
03111803	3	0.213	5.4	36
03111804	4	0.232	5.9	44
03111805	5	0.252	6.4	53
03111807	7	0.272	6.9	69
03111812	12	0.350	8.9	110
03111818	18	0.417	10.6	160
03111825	25	0.516	13.1	216
<b>▶ AWG 16/19</b>				
03111602	2	0.217	5.5	34
03111603	3	0.228	5.8	43
03111604	4	0.244	6.2	52
03111605	5	0.268	6.8	62
03111607	7	0.291	7.4	83

Other dimensions and colors are possible on request.