

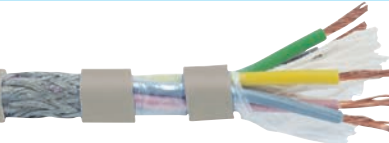
# Data Cable

## SRY D 321 C

Semi-rigid PVC data cable with overall copper shield



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



Marking for SRY D 321 C 3212005:

SAB BRÖCKSKES · D-VIERSEN · 3210520 SRY D 321 C 20 AWG/5c 3212005

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

### Construction:

<b>Conductor:</b>	bare copper strands acc. to ASTM B 286
<b>Insulation:</b>	semi-rigid PVC
<b>Color code:</b>	acc. to color code US 2, see below
<b>Stranding:</b>	in layers
<b>Wrapping:</b>	PETP foil
<b>Shielding:</b>	tinned copper braiding
<b>Jacket material:</b>	PVC
<b>Jacket color:</b>	gray (RAL 7032)

### Technical data:

<b>Peak operating voltage:</b>	300 V
<b>Testing voltage:</b>	conductor/conductor: 2000 V conductor/shielding: 2000 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>	DIN VDE UL/CSA: up to +80°C <i>static:</i> -30/+70°C <i>flexible:</i> -5/+70°C
<b>Burning characteristics:</b>	flame retardant and self-extinguishing acc. to IEC 60332-1-2 + VDE 0482-332-1-2
<b>Oil resistance:</b>	acc. to internal standard, see page O/29
<b>Chemical resistance:</b>	see page O/11
<b>Approvals:</b>	CE, EAC, RoHS
<b>Absence of harmful substances:</b>	acc. to RoHS directive of the European Union see page O/30

### Outstanding features:

- good EMC characteristics
- flexible
- small outer diameter
- small bending radius



On request with color code  
**DIN 47100**

item no.	no. of conductors incl. ground	outer-ø		cable weight ≈lbs/mft
		± 5% inch	± 5% mm	
<b>▶ 26 AWG (≈ 18/38) ▪ 0.14 mm<sup>2</sup></b>				
3212602	2	0.161	4.1	15
3212603	3	0.169	4.3	16
3212604	4	0.177	4.5	17
3212605	5	0.189	4.8	21
3212607	7	0.201	5.1	24
3212608	8	0.224	5.7	30
3212612	12	0.244	6.2	35
3212616	16	0.268	6.8	43
3212618	18	0.280	7.1	48
3212625	25	0.323	8.2	61
<b>▶ 24 AWG (≈ 14/34) ▪ 0.25 mm<sup>2</sup></b>				
3212402	2	0.173	4.4	17
3212403	3	0.181	4.6	19
3212404	4	0.193	4.9	22
3212405	5	0.205	5.2	26
3212407	7	0.217	5.5	31
3212408	8	0.244	6.2	37
3212410	10	0.260	6.6	40
3212412	12	0.268	6.8	45
3212416	16	0.291	7.4	56
3212418	18	0.307	7.8	62
3212425	25	0.362	9.2	83

item no.	no. of conductors incl. ground	outer-ø		cable weight ≈lbs/mft
		± 5% inch	± 5% mm	
<b>▶ 22 AWG (≈ 7/30) ▪ 0.34 mm<sup>2</sup></b>				
3212202	2	0.185	4.7	19
3212203	3	0.193	4.9	23
3212204	4	0.205	5.2	27
3212205	5	0.220	5.6	32
3212207	7	0.236	6.0	38
3212208	8	0.264	6.7	46
3212210	10	0.283	7.2	52
3212212	12	0.291	7.4	58
3212216	16	0.319	8.1	74
3212218	18	0.343	8.7	83
3212225	25	0.398	10.1	91
<b>▶ 20 AWG (≈ 16/32) ▪ 0.50 mm<sup>2</sup></b>				
3212002	2	0.205	5.2	25
3212003	3	0.213	5.4	30
3212004	4	0.228	5.8	36
3212005	5	0.244	6.2	42
3212006	6	0.264	6.7	50
3212007	7	0.264	6.7	54
3212010	10	0.323	8.2	73
3212012	12	0.335	8.5	85
3212018	18	0.390	9.9	120
3212025	25	0.457	11.6	160

item no.	no. of conductors incl. ground	outer-ø		cable weight ≈lbs/mft
		± 5% inch	± 5% mm	
<b>▶ 18 AWG (≈ 30/32) ▪ 1.00 mm<sup>2</sup></b>				
3211802	2	0.220	5.6	32
3211803	3	0.232	5.9	38
3211804	4	0.248	6.3	48
3211805	5	0.272	6.9	58
3211807	7	0.291	7.4	73
3211808	8	0.339	8.6	88
3211812	12	0.378	9.6	118
3211818	18	0.437	11.1	169
3211825	25	0.528	13.4	232
<b>▶ 16 AWG (≈ 27-29/30) ▪ 1.50 mm<sup>2</sup></b>				
3211602	2	0.236	6.0	36
3211603	3	0.244	6.2	45
3211604	4	0.264	6.7	56
3211605	5	0.287	7.3	68
3211607	7	0.311	7.9	87
3211608	8	0.358	9.1	105
3211612	12	0.402	10.2	142

Other dimensions and colors are available on request

#### US 2 color code:

#2- white, #3- red, #4- green, #5- orange, #6- blue, #7- white-black, #8- red-black, #9- green-black, #10- orange-black, #11- blue-black, #12- black-white, #13- red-white, #14- green-white, #15- blue-white, #16- black-red, #17- white-red, #18- orange-red, #19- blue-red, #20- red-green, #21- orange-green, #22- black-white-red, #23- white-black-red, #24- red-black-white, #25- green-black-white