

also available
with color code
DIN 47100

DATA CABLES



SRY D 321 C Semi-rigid PVC data cable with overall copper screen



Marking for SRY D 321 C 03212207:

SAB BRÖCKSKES · D-VIERSEN · 03210722 SRY D 321 C 22 AWG/7c 03212207 AWM Style 2464 80°C 300V CSA AWM I/II A/B 80°C 300V FT1 FT2 CE

SRY D 321 C is a UL recognized, CSA approved tinned copper shielded multiconductor signal and control cable. This cable is especially used in medical technologies, scales and low voltage switchboard and machinery, in control and measuring technologies in high sensitive data processing systems or when EMI emissions need to be suppressed for the North American market the conductors of this cable are color coded in acc to US 2.

Construction:

Conductor:	bare 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
Wrapping:	PETP foil
Screen:	tinned copper braiding
Jacket material:	PVC, YM1 acc. to DIN VDE 0207 part 5
Jacket color:	gray

Technical data:

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

Outstanding features:

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

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item no.	no. of conductors	nominal outer-ø inch	mm	cable weight ≈ lbs/mft
▶ AWG 26/7				
03212602	2	0.161	4.1	15
03212603	3	0.169	4.3	16
03212604	4	0.177	4.5	17
03212605	5	0.185	4.7	21
03212607	7	0.201	5.1	24
03212608	8	0.224	5.7	30
03212612	12	0.244	6.2	35
03212616	16	0.268	6.8	43
03212618	18	0.280	7.1	48
03212625	25	0.323	8.2	61
▶ AWG 24/7				
03212402	2	0.173	4.4	17
03212403	3	0.181	4.6	19
03212404	4	0.193	4.9	22
03212405	5	0.205	5.2	26
03212407	7	0.217	5.5	31
03212408	8	0.244	6.2	36
03212410	10	0.260	6.6	40
03212412	12	0.268	6.8	45
03212416	16	0.291	7.4	56
03212418	18	0.307	7.8	62
03212425	25	0.362	9.2	83

item no.	no. of conductors	nominal outer-ø inch	mm	cable weight ≈ lbs/mft
▶ AWG 22/7				
03212202	2	0.185	4.7	19
03212203	3	0.193	4.9	23
03212204	4	0.205	5.2	27
03212205	5	0.220	5.6	32
03212207	7	0.236	6.0	38
03212208	8	0.264	6.7	46
03212210	10	0.283	7.2	52
03212212	12	0.291	7.4	58
03212216	16	0.319	8.1	74
03212218	18	0.343	8.7	83
03212225	25	0.398	10.1	91
▶ AWG 20/19				
03212002	2	0.205	5.2	25
03212003	3	0.213	5.4	30
03212004	4	0.228	5.8	36
03212005	5	0.244	6.2	42
03212006	6	0.264	6.7	50
03212007	7	0.264	6.7	54
03212010	10	0.323	8.2	73
03212012	12	0.335	8.5	85
03212018	18	0.390	9.9	120
03212025	25	0.457	11.6	160

item no.	no. of conductors	nominal outer-ø inch	mm	cable weight ≈ lbs/mft
▶ AWG 18/19				
03211802	2	0.220	5.6	32
03211803	3	0.232	5.9	38
03211804	4	0.248	6.3	48
03211805	5	0.272	6.9	58
03211807	7	0.291	7.4	73
03211808	8	0.339	8.6	88
03211812	12	0.378	9.6	118
03211818	18	0.437	11.1	169
03211825	25	0.528	13.4	233
▶ AWG 16/19				
03211602	2	0.236	6.0	32
03211603	3	0.244	6.2	36
03211604	4	0.264	6.7	45
03211605	5	0.287	7.3	56
03211607	7	0.311	7.9	68
03211608	8	0.358	9.1	87
03211612	12	0.402	10.2	106

Other dimensions and colors are possible on request.

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Web site: www.sabcable.com