

DATA CABLES

also available
with color code
DIN 47100

SRY D 351 C (B) TP Semi-rigid paired PVC data cable with overall copper screen



Marking for SRY D 351 C (B) TP 03512203: SAB BRÖCKSKES · D-VIERSEN · 03510322 SRY D 351 C (B) TP 22 AWG/3pr 03512203 AWM Style 2464 80°C 300V CSA AWM I/II A/B 80°C 300V FT1 FT2 CE

SRY D 351 C (B) TP is an UL recognized, CSA approved tinned copper braid, twisted pairs multiconductor signal and control cable with drain wire. This cables 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 3.

Construction:

Conductor:	bare copper strands acc. to. ASTM B 286
Insulation:	semi-rigid PVC
Color code:	color code US 3 see see page N/25
Stranding:	conductors twisted to pairs, pairs twisted in layers
Wrapping:	PETP foil
Screen:	tinned copper braiding with a tinned copper drain wire (AWG 24/7)
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	<i>static:</i>	DIN VDE -30/+70 °C
	<i>flexing:</i>	UL/CSA up to +80 °C -5/+70 °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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9

item no.	no. of pairs	nominal outer-ø inch	mm	cable weight ≈ lbs/mft	item no.	no. of pairs	nominal outer-ø inch	mm	cable weight ≈ lbs/mft	item no.	no. of pairs	nominal outer-ø inch	mm	cable weight ≈ lbs/mft
▶ AWG 26/7					▶ AWG 22/7					▶ AWG 18/19				
03512602	2	0.217	5.5	23	03512202	2	0.252	6.4	34	03511802	2	0.307	7.8	54
03512603	3	0.240	6.1	29	03512203	3	0.280	7.1	42	03511803	3	0.354	9.0	77
03512604	4	0.268	6.8	33	03512204	4	0.315	8.0	50	03511804	4	0.402	10.2	93
03512605	5	0.287	7.3	38	03512205	5	0.346	8.8	61	03511805	5	0.437	11.1	112
03512607	7	0.299	7.6	44	03512207	7	0.366	9.3	74	03511807	7	0.461	11.7	142
03512608	8	0.319	8.1	48	03512212	12	0.465	11.8	114	03511812	12	0.630	16.0	245
03512610	10	0.354	9.0	60	03512218	18	0.539	13.7	165	03511818	18	0.709	18.0	343
03512612	12	0.386	9.8	69	03512225	25	0.622	15.8	223	03511825	25	0.811	20.6	465
03512616	16	0.417	10.6	84	▶ AWG 20/19					▶ AWG 16/19				
03512618	18	0.429	10.9	91	03512002	2	0.276	7.0	43	03511602	2	0.323	8.2	65
03512625	25	0.500	12.7	122	03512003	3	0.299	7.6	54	03511603	3	0.378	9.6	89
03512626	26	0.496	12.6	124	03512004	4	0.362	9.2	70	03511604	4	0.429	10.9	110
▶ AWG 24/7					03512005	5	0.390	9.9	83	03511605	5	0.465	11.8	133
03512402	2	0.232	5.9	28	03512007	7	0.409	10.4	104	03511607	7	0.508	12.9	177
03512403	3	0.260	6.6	34	03512012	12	0.547	13.9	171	03511608	8	0.543	13.8	200
03512404	4	0.291	7.4	40	03512018	18	0.630	16.0	247	Other dimensions and colors are possible on request.				
03512405	5	0.311	7.9	46	03512025	25	0.713	18.1	325					
03512407	7	0.335	8.5	58										
03512408	8	0.354	9.0	64										
03512410	10	0.386	9.8	76										
03512412	12	0.421	10.7	87										
03512416	16	0.457	11.6	108										
03512418	18	0.488	12.4	125										
03512425	25	0.551	14.0	161										
03512426	26	0.563	14.3	166										