

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



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/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 page N/23
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

Outstanding features:

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

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/25	
Chem. resistance:	see page N/9	
Absence of harmful substances:	acc. to RoHS-guideline 2002/95/EG as well as GefStoffV appendix IV-no. 24, see page N/25	

item no.	no. of pairs	nominal outer- inch	outer- mm	cable weight ≈ lbs/mft
▶ AWG 26/7				
03512602	2	0.217	5.5	23
03512603	3	0.240	6.1	29
03512604	4	0.268	6.8	33
03512605	5	0.287	7.3	38
03512607	7	0.299	7.6	44
03512608	8	0.319	8.1	48
03512610	10	0.354	9.0	60
03512612	12	0.386	9.8	69
03512616	16	0.417	10.6	84
03512618	18	0.429	10.9	91
03512625	25	0.500	12.7	122
03512626	26	0.496	12.6	124
▶ AWG 24/7				
03512402	2	0.232	5.9	28
03512403	3	0.260	6.6	34
03512404	4	0.291	7.4	40
03512405	5	0.311	7.9	46
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

item no.	no. of pairs	nominal outer- inch	outer- mm	cable weight ≈ lbs/mft
▶ AWG 22/7				
03512202	2	0.252	6.4	34
03512203	3	0.280	7.1	42
03512204	4	0.315	8.0	50
03512205	5	0.346	8.8	61
03512207	7	0.366	9.3	74
03512212	12	0.465	11.8	114
03512218	18	0.539	13.7	165
03512225	25	0.622	15.8	223
▶ AWG 20/19				
03512002	2	0.276	7.0	43
03512003	3	0.299	7.6	54
03512004	4	0.362	9.2	70
03512005	5	0.390	9.9	83
03512007	7	0.409	10.4	104
03512012	12	0.547	13.9	171
03512018	18	0.630	16.0	247
03512025	25	0.713	18.1	325

item no.	no. of pairs	nominal outer- inch	outer- mm	cable weight ≈ lbs/mft
▶ AWG 18/19				
03511802	2	0.307	7.8	54
03511803	3	0.354	9.0	77
03511804	4	0.402	10.2	93
03511805	5	0.437	11.1	112
03511807	7	0.461	11.7	142
03511812	12	0.630	16.0	245
03511818	18	0.709	18.0	343
03511825	25	0.811	20.6	465
▶ AWG 16/19				
03511602	2	0.323	8.2	65
03511603	3	0.378	9.6	89
03511604	4	0.429	10.9	110
03511605	5	0.465	11.8	133
03511607	7	0.508	12.9	177
03511608	8	0.543	13.8	200

Other dimensions and colors are possible on request.