

# USB 2.0 S, USB 2.0 S UL/CSA, USB 2.0 RT UL/CSA



Marking for USB 2.0 S UL/CSA 06011122:

SAB BRÖCKSKES · D-VIERSEN · USB 2.0 Leitung · (2x0,22mm<sup>2</sup>)ST+2x0,5mm<sup>2</sup> 0601-1122 AWM Style 21198 80°C 300V CSA AWM I/II A/B 80°C 300V FT2 

<b>Construction:</b>			
	USB 2.0 S	USB 2.0 S UL/CSA	USB 2.0 RT UL/CSA
	<i>suitable for cable tracks</i>	<i>suitable for cable tracks</i>	<i>suitable for robots</i>
<b>Dimensions:</b>	(2 x 0,22 mm <sup>2</sup> ) ST + 2 x 0,5 mm <sup>2</sup>		
<b>Conductor:</b>	bare copper strands (0,50 mm <sup>2</sup> ), silver-plated strands (0,22 mm <sup>2</sup> )		
<b>Insulation:</b>	SABIX®		
<b>Colour code:</b>	black, red (0,50 mm <sup>2</sup> ), white, green (0,22 mm <sup>2</sup> )		
<b>Stranding:</b>	2 x 0,22 mm <sup>2</sup> wrapped with alu foil, together with 0,5 mm <sup>2</sup>		
<b>Wrapping:</b>	non-woven tape		PTFE foil
<b>Screen:</b>	tinned copper braiding		wrapping with tinned copper round wires
<b>Wrapping:</b>	non-woven tape		
<b>Sheath material:</b>	PUR		
<b>Sheath colour:</b>	black (RAL 9005)		

<b>Technical data:</b>			
	USB 2.0 S	USB 2.0 S UL/CSA	USB 2.0 RT UL/CSA
	<i>suitable for cable tracks</i>	<i>suitable for cable tracks</i>	<i>suitable for robots</i>
<b>Item numbers:</b>	0601-1022	0601-1122	0601-2022
<b>Peak operating voltage:</b>	max. 350 V		
<b>Voltage UL/CSA:</b>	---	300 V	
<b>Testing voltage</b>			
core/core:	600 V	2000 V	
core/screen:	600 V	2000 V	
<b>Min. bending radius</b>			
fixed laying:	5 x d		5 x d
flexible application:	6 x d		7,5 x d
continuously flexible:	7,5 x d		10 x d
<b>Torsion angle:</b>	---		up to ±180°/m
<b>Temperature range VDE</b>		<b>UL/CSA:</b> up to +80 °C	
fixed laying:	-50/+90 °C	-50/+90 °C	
flexible application:	-40/+90 °C	-40/+90 °C	
<b>Halogen-free:</b>	acc. to IEC 60754-1 + VDE 0482-754-1		---
<b>Oil resistance:</b>	PUR, TMPU EN 50363-10-2 + VDE 0207-363-10-2		
<b>Absence of harmful substances:</b>	acc. to RoHS directive of the European Union		

item no.	type	dimensions mm <sup>2</sup>	outer-ø approx. mm	copper figure kg/km	cable weight ≈ kg/km
06011022	USB 2.0 S	(2x0,22) ST + 2x0,50	7,0	34,1	59
06011122	USB 2.0 S UL/CSA	(2x0,22) ST + 2x0,50	7,2	34,1	66
06012022	USB 2.0 RT UL/CSA	(2x0,22) ST + 2x0,50	7,0	34,3	64

Other dimensions and colours are possible on request.