

# USB 2.0 CABLES

transmission length up to 10m!



## USB 2.0 Cables flexible



USB 2.0 Leitung (2x0,22mm<sup>2</sup>) ST + 2x0,5mm<sup>2</sup> 0601-0122

Marking for USB 2.0 cable 06010122:

SAB BRÖCKSKES · D-VIERSEN · USB 2.0 Leitung (2x0,22mm<sup>2</sup>) ST + 2x0,5mm<sup>2</sup> 0601-0122 CE

The robot cable USB 2.0 was developed for high frequency data transmission in industry. Whether for the identification of parts and components, for visual inspection, welded seam control or for the collection of bar codes or type tests; wherever a quick and reliable collection and transmission of data from the camera to the industrial PC are absolutely important. Our highly flexible robot cable USB 2.0 was especially developed for this application. It guarantees excellent transmission characteristics as it is demanded for intelligent image processing with a transmission distance of up to 10 m without amplifier under extreme industrial application conditions.

item no.	type	dimensions mm <sup>2</sup>	nominal outer- $\phi$ inch	mm	cable weight $\approx$ lbs/ft
▶ 06010122	PVC	(2x0,22) ST + 2x0,50	0.268	6.8	40
▶ 06010222	PVC with UL	(2x0,22) ST + 2x0,50	0.276	7.0	42
▶ 06019001	SABIX*	(2x0,22) ST + 2x0,50	0.268	6.8	42

Other dimensions and colors are possible on request.

<b>Construction:</b>	USB 2.0 <i>flexible</i>	USB 2.0 with UL <i>flexible</i>	USB 2.0 FRNC <i>flexible</i>
<b>Dimension:</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® 151		
<b>Color 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		
<b>Screen:</b>	tinned copper braiding		
<b>Outer jacket:</b>	PVC		SABIX®
<b>Jacket color:</b>	black (RAL 9005)		

<b>Technical data:</b>	USB 2.0 <i>flexible</i>	USB 2.0 with UL <i>flexible</i>	USB 2.0 FRNC <i>flexible</i>
<b>Item number:</b>	0601-0122	0601-0222	0601-9001
<b>Peak operating voltage VDE:</b>	max. 350 V		
<b>Voltage: UL:</b>	---	300 V	---
<b>Testing voltage:</b>	conductor/conductor 1500 V conductor/screen 1200 V	conductor/conductor 2000 V conductor/screen 2000 V	conductor/conductor 1500 V conductor/screen 1200 V
<b>Temperature range VDE</b> fixed laying: flexible application:	- 30°C / + 70°C - 5°C / + 70°C	<b>UL:</b> up to + 80°C - 30°C / + 70 °C - 5°C / + 70 °C	- 50°C / + 90 °C - 40°C / + 90 °C
<b>Min. bending radius</b> fixed laying: flexible application:	5 x O.D. 10 x O.D.		
<b>Zero halogen:</b>	---		acc. to DIN VDE 0472 part 815 + IEC 60754-1
<b>Burning characteristics:</b>	---		flame retardant and self-extinguishing acc. to IEC 60332-1-2 + EN 60332-1-2
<b>Oil resistance:</b>	acc. to internal standard see page N/27		---
<b>Absence of harmful substances:</b>	acc. to RoHS directive of the European Union, see page N/28		

