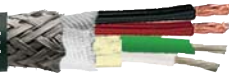


transmission length
up to 10m!

USB 2.0 CABLES

USB 2.0 Cables continuously flexible

Leitung (2x0,22mm²) ST + 2x0,5mm² 0601-0122 CE



Marking for USB 2.0 cable 06010122:

SAB BRÖCKSKES · D-VIERSEN · USB 2.0 Leitung (2x0,22mm²) ST + 2x0,5mm² 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 ²	nominal outer- ϕ inch	mm	cable weight \approx lbs/ft
▶ 06011022	PUR	(2x0,22) ST + 2x0,50	0.276	7.0	40
▶ 06011122	PUR with UL/CSA	(2x0,22) ST + 2x0,50	0.283	7.2	44
▶ 06012022	robot cable with UL/CSA	(2x0,22) ST + 2x0,50	0.276	7.0	43

Other dimensions and colors are possible on request.

Construction:	USB 2.0 <i>suitable for cable tracks</i>	USB 2.0 with UL/CSA <i>suitable for cable tracks</i>	USB 2.0 with UL/CSA <i>suitable for robots</i>
Dimension:	(2 x 0,22 mm ²) ST + 2 x 0,5 mm ²		
Conductor:	bare copper strands (0,50 mm ²), silver-plated strands (0,22 mm ²)		
Insulation:	SABIX® 151		
Color code:	black, red (0,50 mm ²), white, green (0,22 mm ²)		
Stranding:	2 x 0,22 mm ² wrapped with alu foil, together with 0,5 mm ²		
Wrapping:	non-woven tape	PTFE foil	
Screen:	tinned copper braiding	wrapping with tinned copper round wires	
Wrapping:	non-woven tape		
Outer jacket:	PUR		
Jacket color:	black (RAL 9005)		

Technical data:	USB 2.0 <i>suitable for cable tracks</i>	USB 2.0 with UL/CSA <i>suitable for cable tracks</i>	USB 2.0 with UL/CSA <i>suitable for robots</i>
Item number:	0601-1022	0601-1122	0601-2022
Peak operating voltage VDE:	max. 350 V		
Voltage: UL:	---	300 V	
Testing voltage:	conductor/conductor 2000 V - conductor/screen 2000 V		
Temperature range VDE	UL: up to + 80°C - 50°C / + 90 °C - 40°C / + 90 °C		
Min. bending radius	fixed laying: 5 x O.D. flexible application: 6 x O.D. continuously flexible: 7,5 x O.D. torsion angle:		5 x O.D. 7,5 x O.D. 10 x O.D. up to +/- 180°/m
Zero halogen:	acc. to DIN VDE 0472 part 815 + IEC 60754-1		---
Oil resistance:	TMPU acc. to DIN VDE 0282 part 10 + HD 22.10		
Absence of harmful substances:	acc. to RoHS directive of the European Union, see page N/28		

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