USB 2.0 CABLES

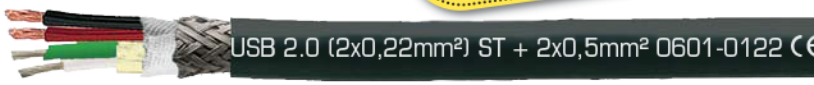
USB 2.0 S — USB 2.0 cable, continuously flexible, suitable for cable tracks

USB 2.0 S UL/CSA — USB 2.0 cable with UL recognition, CSA approval, continuously flexible, suitable for cable tracks

USB 2.0 RT UL/CSA — USB 2.0 cable with UL recognition, CSA approval, continuously flexible, suitable for robots

transmission length up to 10 m

RoHS EAC



Marking for USB 2.0 06010122:
SAB BRÖCKSKES · D-VIERSEN · USB 2.0 (2x0,22mm²) ST + 2x0,5mm² 0601-0122 CE

Construction:	USB 2.0 S *suitable for cable tracks*	USB 2.0 S UL/CSA *suitable for cable tracks*	USB 2.0 RT UL/CSA *suitable for robots*
Dimension:	(2 x 0,22 mm²) ST + 2 x 0,5 mm²		
Conductor:	bare copper strands (0,50 mm²), silver-plated strands (0,22 mm²)		
Insulation:	SABIX®		
Colour code:	black, red (0,50 mm²), white, green (0,22 mm²)		
Stranding:	2 x 0,22 mm² wrapped with alu foil, together with 0,5 mm²		
Wrapping:	non-woven tape		PTFE foil
Screen:	tinned copper braiding		wrapping with tinned copper round wires
Wrapping:	non-woven tape		
Sheath material:	PUR		
Sheath colour:	black (RAL 9005)		

Technical data:	USB 2.0 S *suitable for cable tracks*	USB 2.0 S UL/CSA *suitable for cable tracks*	USB 2.0 RT UL/CSA *suitable for robots*
Item number:	0601-1022	0601-1122	0601-2022
Peak operating voltage VDE:	max. 350 V		
Voltage UL/CSA:	---	300 V	
Testing voltage:	core/core 2000 V - core/screen 2000 V		
Temperature range VDE fixed laying: flexible application:	-50 °C / +90 °C -40 °C / +90 °C	**UL/CSA:** up to +80 °C -50 °C / +90 °C -40 °C / +90 °C	
Min. bending radius fixed laying: flexible application: continuously flexible: torsion angle:	5 x d 6 x d 7,5 x d		5 x d 7,5 x d 10 x d up to +/- 180°/m
Halogen-free:	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		

item no.	type	dimension mm²	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.

data transmission length:
up to nearly 10 meters!