

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, continuously flexible with UL recognition, CSA approval, suitable for robots

USB 2.0 RT UL/CSA

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

transmission length up to 10 m



21198 80°C 300V CSA AWM I/II A/B 80°C 300V FT2 CE



marking example:

SAB BRÜCKSKES · D-VIERSEN · USB 2.0 Leitung · (2x0,22mm²)ST+2x0,5mm² 0601-1122 AWM Style 21198 80°C 300V CSA AWM I/II A/B 80°C 300V FT2 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 mm ²) ST + 2 x 0,5 mm ²		
Conductor:	bare copper strands (0,50 mm ²), silver plated copper (0,22 mm ²)		
Insulation:	SABIX®		
Colour 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		
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:	max. 350 V		
Voltage UL/CSA:	-		300 V
Testing voltage			
core/core:	600 V		2000 V
core/screen:	600 V		2000 V
Min. bending radius			
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
Torsion angle:	-		up to ±180°/m
Temperature range			UL/CSA: up to +80 °C
fixed laying:	-50/+90 °C		-50/+90 °C
flexible application:	-40/+90 °C		-40/+90 °C
Halogen-free:	acc. to IEC 60754-1 + VDE 0482-754-1		-
Oil resistance:	TMPU acc. to EN 50363-10-2 + VDE 0207-363-10-2		
UL Style:	-		21198
Absence of harmful substances:	acc. to RoHS directive of the European Union, see chapter N „Technical data“		

item no.	type	dimension	outer- ϕ ± 10% mm	copper figure kg/km	cable weight ≈ kg/km
06011022	USB 2.0 S	(2 x 0,22 mm ²)ST + 2 x 0,50 mm ²	7,0	34,1	59
06011122	USB 2.0 S UL/CSA	(2 x 0,22 mm ²)ST + 2 x 0,50 mm ²	7,2	34,1	66
06012022	USB 2.0 RT UL/CSA	(2 x 0,22 mm ²)ST + 2 x 0,50 mm ²	7,0	34,3	64

Other dimensions and colours are possible on request.

Also possible
as harnessed cable
with USB type A and
USB type B plug!

