

# USB 3.0 CABLES

**UL**  
transmission length up to 3m!

- USB 3.0 S** USB 3.0 cable with UL recognition, continuously flexible, suitable for cable tracks
- USB 3.0 RT** USB 3.0 cable with UL recognition, continuously flexible, suitable for robots
- USB 3.0** USB 3.0 cable with UL recognition, flexible



SAB BRÖCKSKES · D-VIERSEN · USB 3.0 S 3x(2x28AWG)ST+2x26AWG 0604-2098 **UL** AWM Style 20549 300V 80° **CE**

Construction:	USB 3.0 S <i>suitable for cable tracks</i>	USB 3.0 RT <i>suitable for robots</i>	USB 3.0 <i>flexible</i>
Dimension:	3 x (2 x 28 AWG)ST + 2 x 26 AWG		2 x (2 x 28 AWG)ST + 2 x 28 AWG + 2 x 26 AWG
Conductor:	silver-plated strands (AWG 28) · tinned copper strands (AWG 26)		
Insulation:	special polymer		
Colour code:	yellow, blue + orange, violet (USB 3.0), green, white (USB 2.0), red, black (power supply)		
Stranding:	pairs AWG28 twisted to pairs and screened, all elements together		USB 3.0 twisted and screened pairs, USB 2.0 twisted pairs, all elements together
Wrapping:	non-woven tape	netting tape + non-woven tape	non-woven tape
Screen:	tinned copper braiding		
Wrapping:	non-woven tape		
Sheath material:	PUR		PVC
Sheath colour:	black (similar RAL 9005)		

Technical data:	USB 3.0 S <i>suitable for cable tracks</i>	USB 3.0 RT <i>suitable for robots</i>	USB 3.0 <i>flexible</i>
Item number:	0604-2098	0604-3098	0603-0078
Peak operating voltage:	max. 350 V		
Voltage UL:	300 V		
Testing voltage:	core/core 2000 V - core/screen 2000 V		
Temperature range VDE fixed laying: flexible application:	<b>UL:</b> up to +80 °C -50 °C / +90 °C -40 °C / +90 °C		<b>UL:</b> up to +80 °C -30 °C / +70 °C -5° C / +70 °C
Min. bending radius fixed laying: flexible application: continuously flexible:	5 x d 10 x d 12 x d	5 x d 10 x d 15 x d	5 x d 10 x d
Torsion angle:	---	up to ± 360°/m	---
Fire performance:	flame retardant and self-extinguishing acc. to IEC 60332-1-2 + EN 60332-1-2		
Oil resistance:	very good, TMPU acc. to EN 50363-10-2		very good - TM5 acc. to DIN VDE 0281 part 1 + HD 22.1
Absence of harmful substances:	acc. to RoHS directive of the European Union, see page N/17		

item no.	type	dimension mm <sup>2</sup>	outer-ø approx. mm	copper figure kg/km	cable weight ≈kg/km	ohmic resistance at 20°C max.Ω/km 28 AWG 26 AWG
06042098	USB 3.0 S	3 x (2 x 28 AWG)ST + 2 x 26 AWG	6,1	26,5	45	223 140
06043098	USB 3.0 RT	3 x (2 x 28 AWG)ST + 2 x 26 AWG	6,4	28,1	50	223 140
06030078	USB 3.0	2 x (2 x 28 AWG)ST + 2 x 28 AWG + 2 x 26 AWG	6,1	25,5	48	223 140

Other dimensions and colours are possible on request.

For transmission lengths more than 3 m, please contact us!