USB 3.0 CABLES

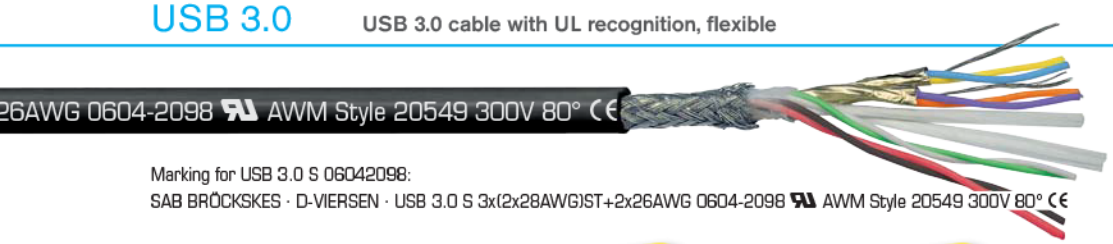
USB 3.0 S USB 3.0 cable with UL recognition, continuously flexible, suitable for cable tracks

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

transmission length up to 3 m

RoHS



Marking for USB 3.0 S 06042098:
SAB BRÖCKSKES · D-VIERSEN · USB 3.0 S 3x(2x28AWG)ST+2x26AWG 0604-2098 AWM Style 20549 300V 80°

Construction:	USB 3.0 S *suitable for cable tracks*	USB 3.0 RT *suitable for robots*	USB 3.0 *flexible*
Dimension:	3 x (2 x 28 AWG)ST + 2 x 26 AWG	3 x (2 x 28 AWG)ST + 2 x 26 AWG, 3 x (2 x 26 AWG)ST + 2 x 24 AWG	2 x (2 x 28 AWG)ST + 2 x 28 AWG + 2 x 26 AWG
Conductor:	silver-plated strands and tinned copper strands		
Insulation:	special polymer		
Colour code:	yellow, blue + orange, violet (USB 3.0), green, white (USB 2.0), red, black (power supply)		
Stranding:	twisted pairs and datapairs 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 *suitable for cable tracks*	USB 3.0 RT *suitable for robots*	USB 3.0 *flexible*
Item number:	0604-2098	0604-3098, 0604-3096	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:	UL: up to +80 °C -50 °C / +90 °C -40 °C / +90 °C		UL: 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		

item no.	type	dimension mm²	outer-ø approx. mm	copper figure kg/km	cable weight ≈kg/km	ohmic resistance at 20°C max.Ω/km 28 AWG	26 AWG	24 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	–
06043096	USB 3.0 RT	3 x (2 x 26 AWG)ST + 2 x 24 AWG	8,0	38,9	73	–	130	83,3
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.

06043096
data transmission length:
up to 5 meters!