

USB 3.0 (USB 3.2 Gen 1x1) cables



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

USB 3.0 RT USB 3.0 cable, continuously flexible with UL recognition, suitable for robots



marking example:

SAB BRÜCKSKES · D-VIERSEN · USB 3.0 S 3x(2x28AWG)ST+2x26AWG 0604-2098

AWM Style 20549 80° 300V CE

Construction:	USB 3.0 S suitable for cable tracks	USB 3.0 RT suitable for robots
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
Conductor:	silver plated 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	
Wrapping:	non-woven tape	netting tape + non-woven tape
Screen:	tinned copper braiding	
Wrapping:	non-woven tape	
Sheath material:	PUR	
Sheath colour:	black (RAL 9005)	

Construction:	USB 3.0 S suitable for cable tracks	USB 3.0 RT suitable for robots
Item number:	0604-2098	0604-3098, 0604-3096
Peak operating voltage:	max. 350 V	
Voltage UL:	300 V	
Testing voltage	2000 V	
core/core:	2000 V	
core/screen:	2000 V	
Min. bending radius		
fixed laying:	5 x d	5 x d
flexible application:	10 x d	10 x d
continuously flexible:	12 x d	15 x d
Torsion angle:	—	up to ± 180°/m
Temperature range	UL: up to +80 °C	
fixed laying:	-50/+90 °C	
flexible application:	-40/+90 °C	
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	
UL Style:	20549	
Absence of harmful substances:	acc. to RoHS directive of the European Union, see chapter N „Technical data“	

item no.	type	dimension	outer-Ø ± 10% 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

Other dimensions and colours are possible on request.

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



Customized plug-and-play solutions from cable manufacturing to customized cable assembly from a single source