

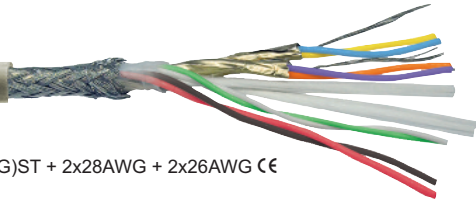
transmission length
up to 3m!

USB 3.0 CABLES



USB 3.0 M Flexible for the Application in Medical Technology

USB 3.0 M 2x(2x28AWG)ST + 2x28AWG + 2x26AWG CE



Marking for USB 3.0 M 06061018:

SAB BRÖCKSKES · D-VIERSEN · USB 3.0 M 2x(2x28AWG)ST + 2x28AWG + 2x26AWG CE

The robot cable USB 3.0 was developed for high frequency data transmission in industry. Whether for the identification of parts and components, for visual inspection, welded seam control or for the collection of bar codes or type tests; a quick and reliable collection and transmission of data from the camera to the industrial PC are absolutely important. Our highly flexible robot cable USB 3.0 was especially developed for this application. It guarantees excellent transmission characteristics as it is demanded for intelligent image processing with a transmission distance of up to 3 m without amplifier under extreme industrial application conditions.

item no.	type	dimension AWG	nominal outer-ø		cable weight ≈ lbs/mft	ohmic resistance at 20°C max. Ω/km	
			inch	mm		28 AWG	26 AWG
▶ 06061018	USB 3.0 M	28 (≈ 7/38)ST/2pr + 28 (≈ 7/38)/2c + 26 (≈ 7/34)/2c	0.220	5.6	32	223	140

Other dimensions and colors are possible on request.



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

Construction:

Conductor:	28 AWG: silver-plated copper strands, fine wires 26 AWG: tinned copper strands, fine wires
Insulation:	FEP
Color code:	28 AWG: yellow, blue + orange, violet (USB 3.0), green, white (USB 2.0), 26 AWG: red, black (power supply)
Stranding:	USB 3.0 twisted and screened pairs, USB 2.0 twisted pairs, all elements together
Tracer:	bare copper strands, fine wires
Screen:	alu foil
Stranding:	foil
Screen:	tinned copper braiding
Jacket material:	SABmed S
Jacket color:	gray (RAL 7000)

Outstanding features:

- biocompatible sheath material
- biological harmlessness
acc. to EN ISO 10993-1,
cytotoxicity acc. to EN ISO 10993-5
- high temperature resistant
- high notch and tear resistance
- very good flexibility
- surface not adhesive

Technical data:

Peak operating voltage:	max. 50 V
Testing voltage:	conductor/conductor 600 V conductor/screen 600 V
Min. bending radius	
fixed installation:	5 x O.D.
free movement:	10 x O.D.
Radiation resistance:	1 x 10 ⁷ cJ/kg
Temperature range	
static:	-40/+180°C
flexing:	-25/+180°C
Impedance of data pairs:	nom. 90Ω
Absence of harmful substances:	acc. to RoHS directive of the European Union see page O/30



especially for
the application
in medical
technology