

# USB 3.0 Cables

## USB 3.0 M

Flexible USB 3.0 cable for Medical Technology Applications

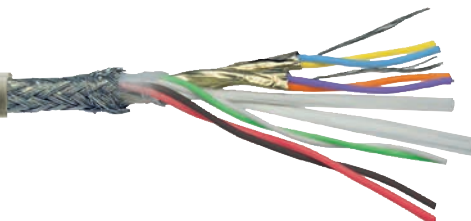


2098 AWM Style 20549 300V 80° CE

Marking for USB 3.0 M 6061018:

SAB BRÖCKSKES · D-VIERSEN · USB 3.0 M

2x(2x28AWG)ST+2x28AWG+2x26AWG 6061018 CE



### Construction:

<b>Conductor:</b>	28 AWG: silver-plated strands, fine wires 26 AWG: tinned copper strands, fine wires
<b>Insulation:</b>	FEP
<b>Color code:</b>	28 AWG: yellow, blue + orange, violet (USB 3.0), green, white (USB 2.0), 26 AWG: red, black (power supply)
<b>Stranding:</b>	USB 3.0 twisted and shielded pairs, USB 2.0 twisted pairs, all elements together
<b>Drain wire:</b>	bare copper strands, fine wires
<b>Shielding:</b>	alu foil
<b>Stranding:</b>	all USB 3.0 elements together
<b>Wrapping:</b>	foil
<b>Shielding:</b>	tinned copper braiding
<b>Jacket material:</b>	SABmed S
<b>Jacket color:</b>	grey (RAL 7000)

### Outstanding features:



- biocompatible jacket 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:

<b>Peak operating voltage:</b>	max. 50V
<b>Testing voltage:</b>	conductor/conductor: 600 V conductor/shielding: 600 V
<b>Min. bending radius:</b>	
<i>fixed installation:</i>	5 x O.D.
<i>free movement:</i>	10 x O.D.
<b>Temperature range:</b>	
<i>static:</i>	-40/+180°C
<i>flexible:</i>	-25/+180°C
<b>Impedance of data pairs:</b>	nom. 90Ω
<b>Approvals:</b>	CE, EAC, RoHS
<b>Absence of harmful substances:</b>	acc. to RoHS directive of the European Union see page O/30

item no.	type	dimensions AWG	nominal outer-ø		cable weight ≈lbs/mft	ohmic resistance at 20°C max.Ω/km	
			inch	mm		28 AWG	26 AWG
▶ 6061018	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 available on request



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

Also possible as a  
cable assembly with  
USB type A or B plug

