

# USB 3.0 M

AWM Style 20549 300V 80° CE



Marking for USB 3.0 M 06061018:

SAB BRÖCKSKES · D-VIERSEN · USB 3.0 M 2x(2x28AWG)ST+2x28AWG+2x26AWG 0606-1018 CE

Construction:	
<b>Conductor:</b>	28 AWG: silver-plated strands, fine wires 26 AWG: tinned copper strands, fine wires
<b>Insulation:</b>	FEP
<b>Colour 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 screened pairs, USB 2.0 twisted pairs, all elements together
<b>Drain wire:</b>	bare copper strands, fine wires
<b>Screen:</b>	alu foil
<b>Stranding:</b>	all USB 3.0 elements together
<b>Wrapping:</b>	foil
<b>Screen:</b>	tinned copper braiding
<b>Sheath material:</b>	SABmed S
<b>Sheath colour:</b>	grey (RAL 7000)

Technical data:	
<b>Peak operating voltage:</b>	max. 50 V
<b>Testing voltage:</b>	core/core 600 V core/screen 600 V
<b>Min. bending radius</b>	
<i>fixed laying:</i>	5 x d
<i>flexible application:</i>	10 x d
<b>Temperature range</b>	
<i>fixed laying:</i>	-40/+180 °C
<i>flexible application:</i>	-25/+180 °C
<b>Impedance of data pairs:</b>	nom. 90Ω
<b>Absence of harmful substances:</b>	acc. to RoHS directive of the European Union



## 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

item no.	type	dimensions 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
06061018	USB 3.0 M	2 x (2 x 28 AWG)ST + 2 x 28 AWG + 2 x 26 AWG	5,6	25,4	48	223 140

Other dimensions and colours are possible on request.



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