

USB 3.0 CABLES

transmission
length up to 3 m

USB 3.0 cables M

flexible



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

Marking for USB 3.0 M 06061018:

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

Construction:

| | |
|-------------------------|---|
| Conductor: | 28 AWG: silver-plated copper strands, fine wires 26 AWG: tinned copper strands, fine wires |
| Insulation: | FEP |
| Colour 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 |
| Sheath material: | SABmed S |
| Sheath colour: | grey |

Technical data:

| | |
|---------------------------------------|--|
| Peak operating voltage: | max. 50 V |
| Testing voltage: | core/core 600 V core/screen 600 V |
| Min. bending radius | |
| <i>fixed laying:</i> | 5 x d |
| <i>flexible application:</i> | 10 x d |
| Temperature range | |
| <i>fixed laying:</i> | -40/+180 °C |
| <i>flexible application:</i> | -25/+180 °C |
| Impedance of data pairs: | nom. 90Ω |
| Absence of harmful substances: | 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 | dimension mm ² | 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!



especially for
the application
in medical
technology