



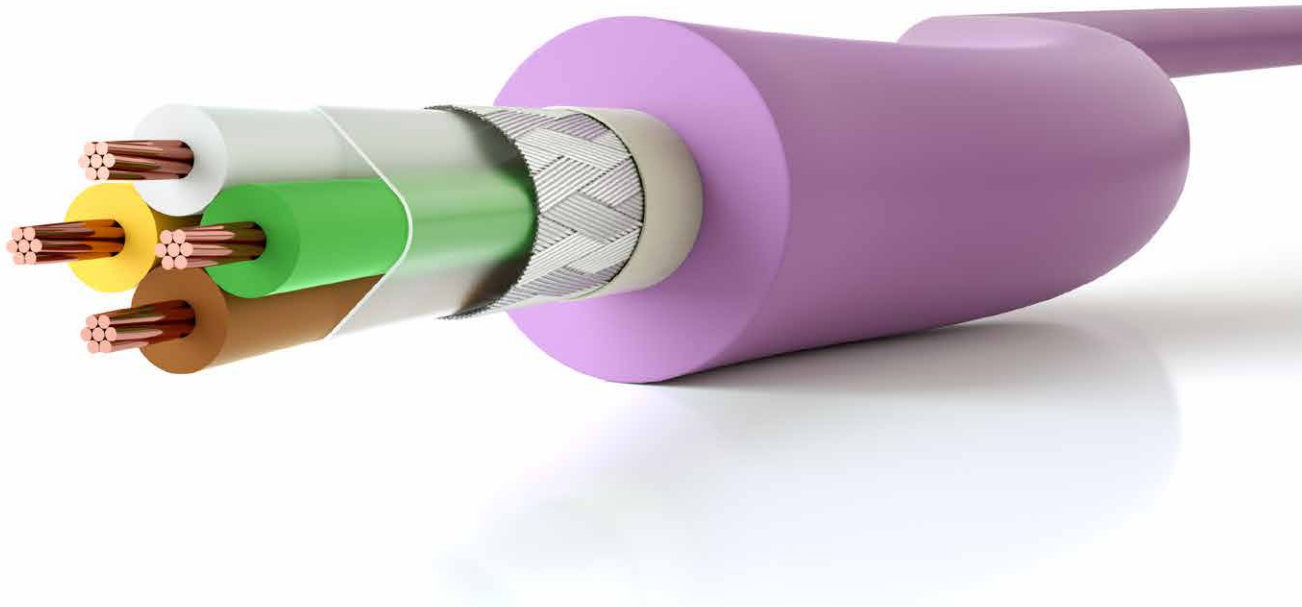
**BRAUNKABEL**

*Passt. Einfach. Perfekt.*

**BKDATA**

**CAN-BUS 1 X 4 X 0.34MM<sup>2</sup> (7 X 0.254MM)**

**PUR**



**CANopen**



**FLAME-RESISTANT**

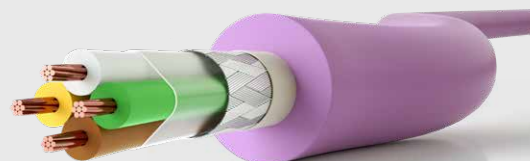
**CMX**

#### APPLICATIONS / PRODUCT FEATURES

- CAN bus applications
- Meets the real-time requirements for Industry 4.0
- Suitable for flexible and highly flexible applications
- Suitable for drag chains, flame-resistant and halogen-free
- Supports patch cable applications
- CAN bus core coding

#### BENEFITS OF BRAUNKABEL

- Direct from the manufacturer
- Excellent precision, dimensional accuracy and centricity, plus small tolerances
- Short delivery times / standard design available from stock
- Space-saving compact design with star quad configuration
- High UL approvals
- Also optimised for short lengths

**BKDATA****CAN-BUS 1 X 4 X 0.34MM<sup>2</sup> (7 X 0.254MM)****PUR****CONSTRUCTION DETAILS**

<b>Conductor</b>	0.34 mm <sup>2</sup> (7 x 0.254mm) bare
<b>Core insulation</b>	Polypropylen
<b>Stranding</b>	Star-quad
<b>Sequence of colour</b>	White, green, brown, yellow
<b>Shield</b>	Copper braiding
<b>Tape</b>	Eparating tapes
<b>Outer sheath</b>	PUR
<b>Colour</b>	Lilac, similar RAL 4001
<b>Cable diameter</b>	6.2 ± 0.2 mm

**CHARACTERISTICS**

<b>Flame retardant</b>	According to UL 2556 VW 1
<b>UL</b>	CMX-Listing
<b>Other guidelines</b>	RoHS- and REACH-conform

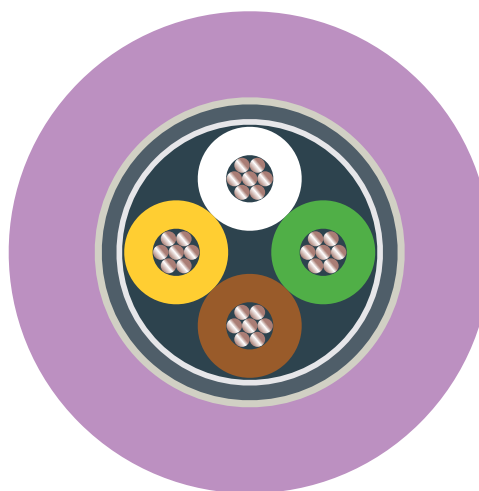
**MECHANICAL PROPERTIES**

<b>Temperature UL range</b>	fixed: -20° to +75° C moved: -20° to +75° C
<b>Temperature out of UL</b>	fixed: -50° to +90° C moved: -30° to +90° C
<b>Min. bending radius</b>	fixed: 4 x diameter moved: 8 x diameter
<b>Bending cycles *</b>	≥ 3 Mio.
<b>Travelling distance *</b>	5 m
<b>Acceleration *</b>	3 m/s <sup>2</sup>
<b>Speed *</b>	3 m/s

\* Testing at +20° Celsius

**ELECTRICAL PROPERTIES**

<b>Characteristic impedance</b>	Nominal value 120 Ohm
<b>Conductor resistance</b>	57 Ohm
<b>Voltage</b>	UL-Listing 300 Volt

**CROSS SECTION****FORMAT / PACKAGING**

<b>100 m ring</b>	Order no. 503177
<b>500 m on bobbin</b>	Order no. 503178
<b>1.000 m on bobbin</b>	Order no. 503179