



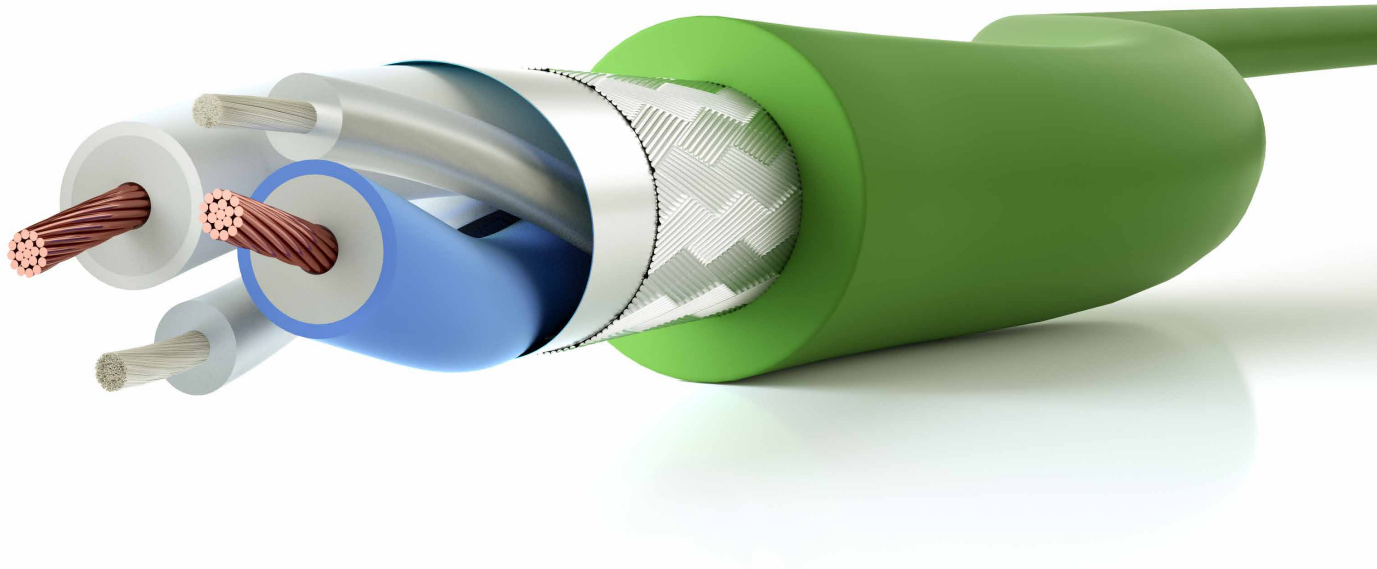
**BRAUNKABEL**

*Passt. Einfach. Perfekt.*

**BKDATA**

**SINGLE PAIR ETHERNET 1 X 2 X 22/19 AWG**

**PUR**



**FLAME-RESISTANT**

**AWM 20549**

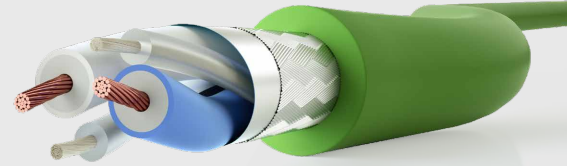
**IEC 61156-11/12**

#### APPLICATIONS / PRODUCT FEATURES

- Transmission rates from 1 Gbit/s to 40 meters
- Fulfills IEC 61156-11 and IEC 61156-12
- Power transmission of up to 50 watts (PoDL) possible
- Space- and resource-saving
- Ethernet for the field level
- Suitable for drag chains, flame-resistant and halogen-free
- For flexible, highly dynamic and fixed installation
- Perfect for rough industrial applications

#### BENEFITS OF BRAUNKABEL

- Direct from the manufacturer
- Excellent precision, dimensional accuracy and centricity, plus small tolerances
- Short delivery times
- High UL approvals
- Individual adjustments possible

**BKDATA****SINGLE PAIR ETHERNET 1 X 2 X 22/19 AWG****PUR****CONSTRUCTION DETAILS**

<b>Conductor</b>	22/19 AWG bare
<b>Core insulation</b>	Skin-Foam-Skin Polypropylen
<b>Stranding</b>	Cores stranded in pairs with fillers
<b>Sequence of colour</b>	white, blue
<b>Shield</b>	Foil, copper braiding
<b>Outer sheath</b>	PUR
<b>Colour</b>	Green, similar RAL 6018
<b>Cable diameter</b>	5.2 mm

**CHARACTERISTICS**

<b>Flame retardant</b>	UL 2556 FT 2
<b>UL</b>	UL AWM 2095
<b>Other guidelines</b>	RoHS- and REACH-conform

**MECHANICAL PROPERTIES**

<b>Temperature UL range</b>	-20° to +80° C
<b>Temperature out of UL</b>	-40° to +85° C

**ELECTRICAL PROPERTIES**

<b>Characteristic impedance</b>	nom. 100 Ohm
<b>Conductor resistance</b>	max. 144 Ohm
<b>Voltage</b>	UL-Rating 300 Volt

**CROSS SECTION**