



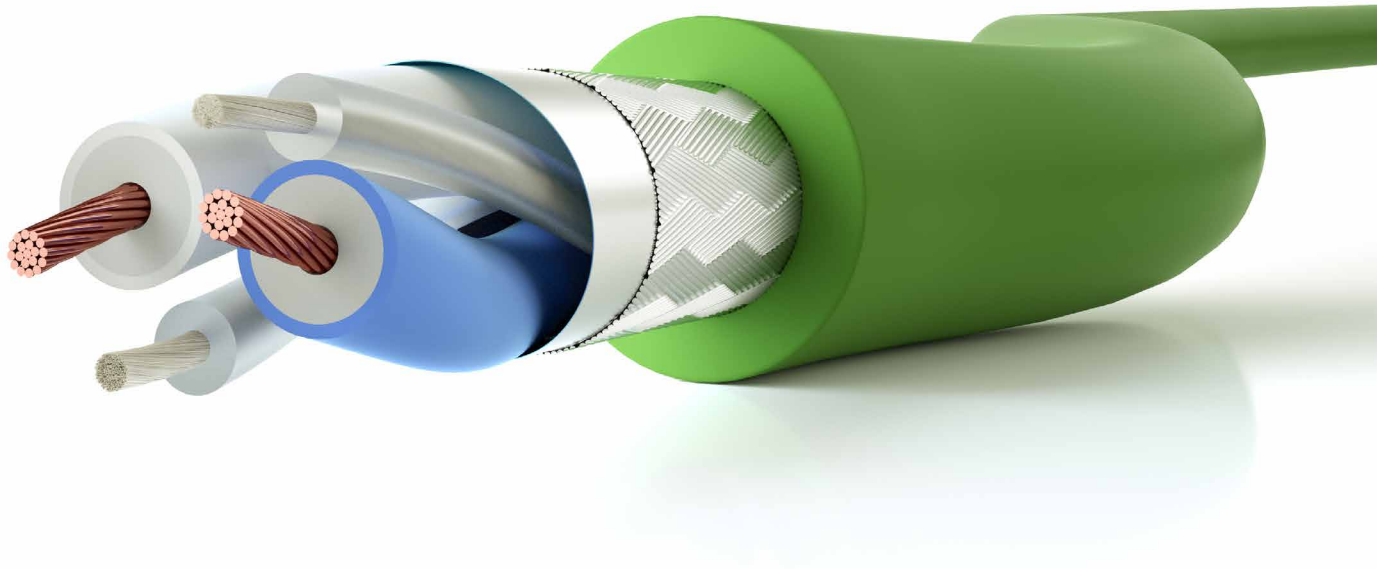
BRAUNKABEL

Passt. Einfach. Perfekt.

BKDATA

SINGLE PAIR ETHERNET 1 X 2 X 22/7 AWG

PUR



FLAME-RESISTANT

AWM 20549

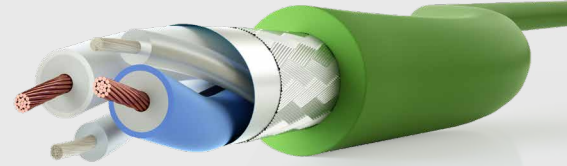
IEC 61156-11/12

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 22/7 AWG****PUR**

CONSTRUCTION DETAILS	
Conductor	22/7 AWG bare
Core insulation	Skin-Foam-Skin Polypropylen
Stranding	Cores stranded in pairs with fillers
Sequence of colour	white, blue
Shield	Foil, copper braiding
Outer sheath	PUR
Colour	Green, similar RAL 6018
Cable diameter	5.2 mm

CHARACTERISTICS	
Flame retardant	UL 2556 FT 2
UL	UL AWM 20549
Other guidelines	RoHS- and REACH-conform

MECHANICAL PROPERTIES	
Temperature UL range	-20° to +80° C
Temperature out of UL	-40° to +85° C

ELECTRICAL PROPERTIES	
Characteristic impedance	nom. 100 Ohm
Conductor resistance	max. 144 Ohm
Voltage	UL-Rating 300 Volt

CROSS SECTION