



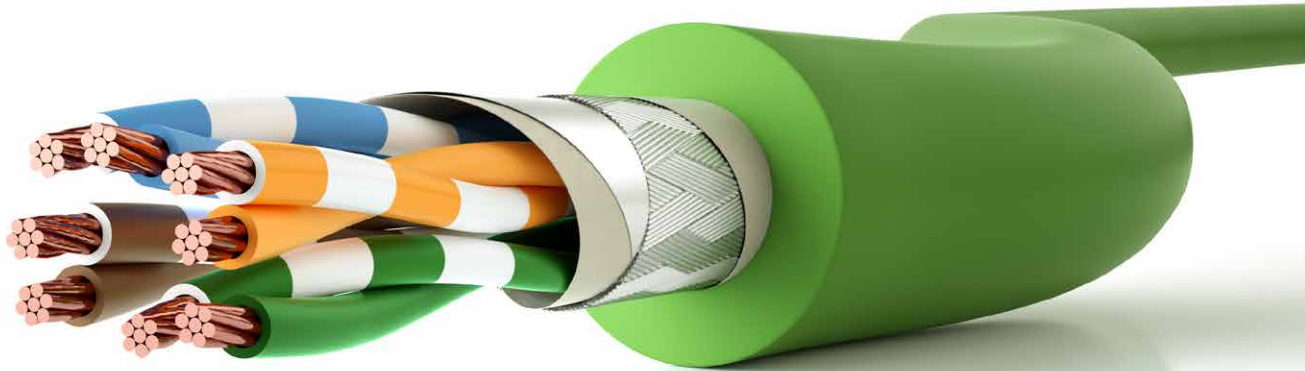
BRAUNKABEL

Passt. Einfach. Perfekt.

BKDATA

ETHERNET CAT. 5e 4 X 2 X 26/7 AWG

PUR



FLAME-RESISTANT

AWM 21576

APPLICATIONS / PRODUCT FEATURES

- Cabling in accordance with EN 50173
- Industrial Ethernet Category 5e with a transmission rate of up to 1.000 MBit/s
- Meets the real-time requirements for Industry 4.0
- Suitable for flexible use and fixed installation
- Supports patch cable applications up to max. 60 metres
- Halogen-free

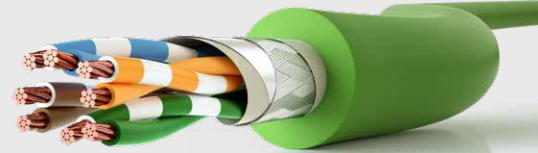
BENEFITS OF BRAUNKABEL

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

**BKDATA**

ETHERNET CAT. 5e 4 X 2 X 26/7 AWG

PUR

**CONSTRUCTION DETAILS**

Conductor	26/7 AWG bare
Core insulation	Polypropylen
Stranding	Twisted pair design
Sequence of colour	Blue, white-blue; orange, white-orange; green, white-green; brown, white-brown
Shield	Eparating tapes, foil, copper braiding
Tape	Eparating tapes
Outer sheath	PUR
Colour	Green, similar RAL 6018

CHARACTERISTICS

Flame retardant	According to UL AWM CSA FT 2
UL	AWM-Style 21576
Other guidelines	RoHS- and REACH-conform

MECHANICAL PROPERTIES

Temperature UL range	fixed: -20° to +75° C moved: -20° to +75° C
Temperature out of UL	fixed: -50° to +90° C moved: -50° to +90° C
Min. bending radius	fixed: 4 x diameter moved: 8 x diameter

ELECTRICAL PROPERTIES

Characteristic impedance	According to IEC 61156-6 (Nominal impedance 100 Ohm)
Conductor resistance	142 Ohm
Voltage	AWM 1.000 Volt

CROSS SECTION**FORMAT / PACKAGING**

100 m ring	Order no. 503162
500 m on bobbin	Order no. 503163
1.000 m on bobbin	Order no. 503164