



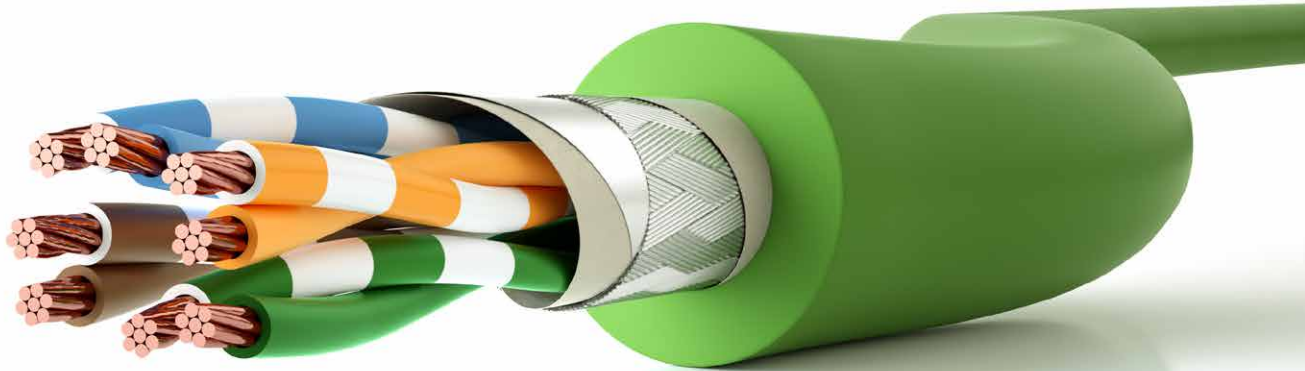
BRAUNKABEL

Passt. Einfach. Perfekt.

BKDATA

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

PVC



FLAME-RESISTANT

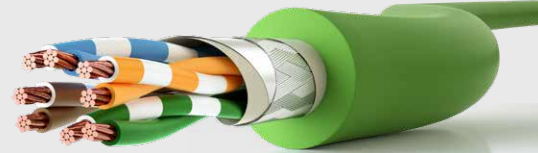
CMG

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
- Oil and UV-resistant PVC
- Supports patch cable applications up to max. 60 metres

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****PVC**

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	Separating tapes, foil, copper braiding
Tape	Separating tapes
Outer sheath	PVC
Colour	Green, similar RAL 6018

CHARACTERISTICS	
Flame retardant	According to UL 1685 FT 4
UL	CMG-Listing
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: -40° to +90° C
	moved: -40° 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	UL-Listing 300 Volt

CROSS SECTION



FORMAT / PACKAGING	
100 m ring	Order no. 503159
500 m on bobbin	Order no. 503160
1.000 m on bobbin	Order no. 503161