



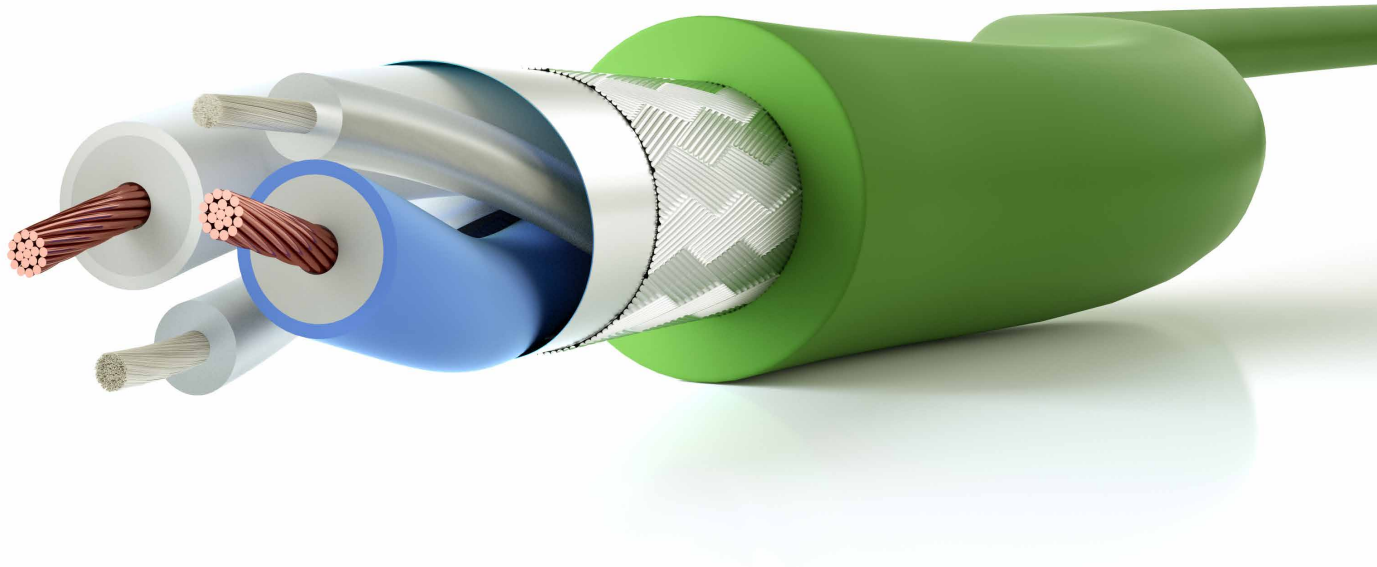
BRAUNKABEL

Passt. Einfach. Perfekt.

BKDATA

SINGLE PAIR ETHERNET 1 X 2 X 22/7 AWG

PVC



FLAME-RESISTANT

AWM 2095

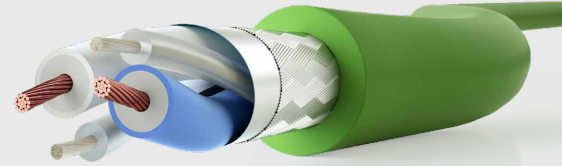
IEC 61156-11/12

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 flexible use 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
PVC****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 | PVC |
| Colour | Green, similar RAL 6018 |
| Cable diameter | 5.2 mm |

CHARACTERISTICS

| | |
|-------------------------|-------------------------|
| Flame retardant | UL 2556 FT 2 |
| UL | UL AWM 2095 |
| 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 impedence | nom. 100 Ohm |
| Conductor resistance | max. 144 Ohm |
| Voltage | UL-Rating 300 Volt |

CROSS SECTION