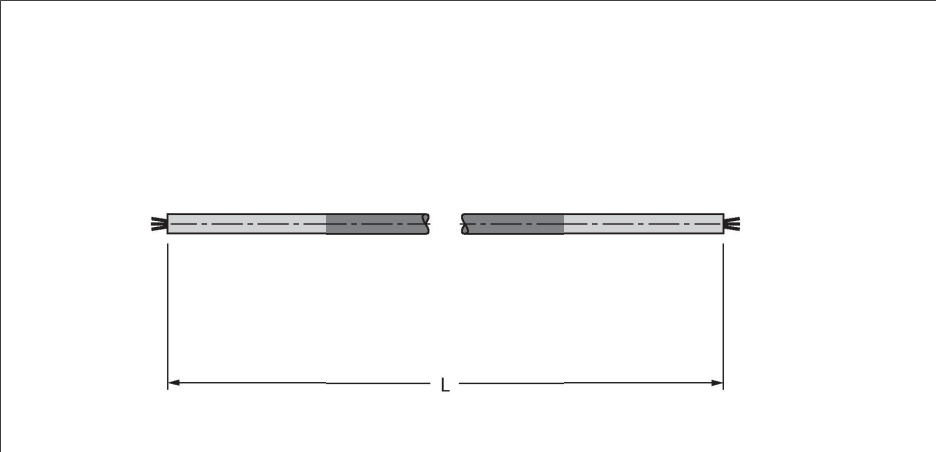


Cable452B-500M

PROFIBUS Cable – Connection Cable



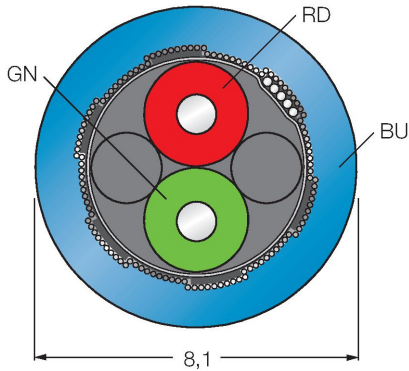
Technical data

Type	Cable452B-500M
ID	6611473
Cable	
Network protocol	PROFIBUS-DP
Cable diameter	Ø 8.1 mm
Cable length	500 m
Cable jacket	PVC, Blue
Shielding	Aluminum foil, tinned copper wire
Core insulation	PE
Core cross-section	2 x 0.34 mm²
Core colors	GN, RD
Electrical properties at +20 °C	
Rated voltage	300 V
Current	4 A
DC resistance (loop)	110 Ω/km
Nom. impedance	150 Ω (3...20 MHz)
Nom. capacitance	30 pF/m
Nom. Inductance	0.9 mH/km
Damping	40 dB/km at 16.0 MHz
Mechanical and chemical properties	
Max. tensile strength (static)	≤ 80 N/mm²
Bending radius (stationary installation)	≥ 8 x Ø
Ambient temperature range (stationary)	-40...+70 °C
Ambient temperature range (In motion)	-5...+50 °C
Other Features	
Qualified for drag chain use	no
Halogen-free	no

Features

- PROFIBUS cable: AWG 22/1
- Jacket material: PVC, color: blue
- Jacket diameter: 8.1 mm
- Oil resistant
- UV resistant
- End open
- Open end
- Cable length: 500 m

Cable Cross-Section



Technical data

UV resistance	Acc. to UL 1581, section 1200
Oil-resistant	yes
Flame-retardant	according to IEC 60332-3