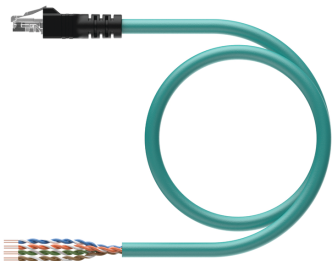
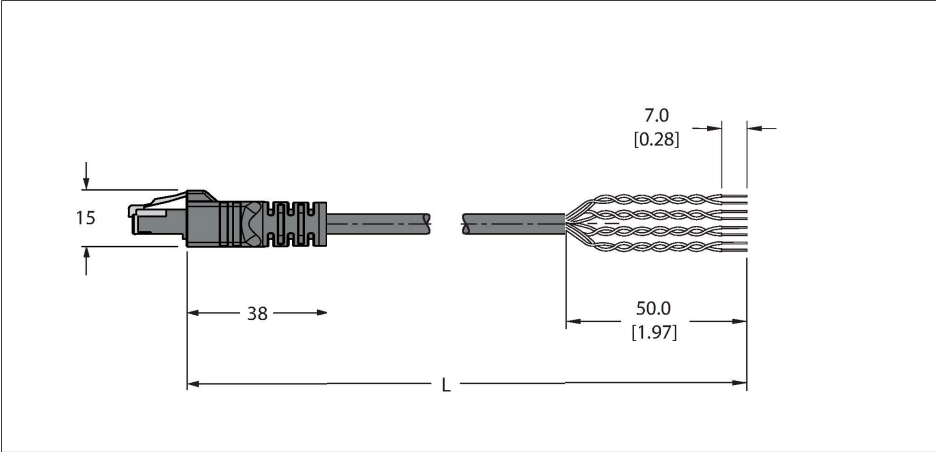


RJ45S 841-6M

Industrial Ethernet Cable – Anschluss Kabelsatz



Technical data

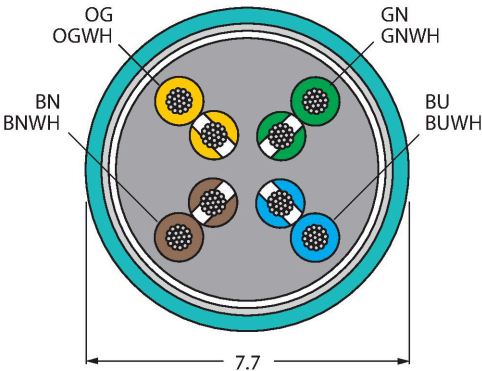
Type	RJ45S 841-6M
ID	U8635-6
Connector A	Male, RJ45, Straight
Number of pins	8
Contacts	Metal, CuSn, Gold-plated
Contact carriers	Plastic, PC, Transparent
Connector body	Plastic, TPU, Black
Protection class	IP20
	NEMA: 1
Cable	
Network protocol	Ethernet, 841
Cable diameter	Ø 7.7 mm
Cable length	6 m
Cable jacket	TPE, Green
Shielding	yes
Core insulation	PE
Core cross-section	8 x 0.21 mm ²
Core colors	WH/BU, WH/BN, BN, OG, WH/GN, WH/OG, BU, GN
Electrical properties at +20 °C	
Rated voltage	42 V
Current	1.5 A
DC resistance (loop)	94 Ω/km
Nom. impedance	100 Ω (1 MHz)
Nom. capacitance	46 pF/m
Mechanical and chemical properties	
Bending radius (flexible use)	≥ 10 x Ø
Bending cycles	≥ 1 million

Features



- Ethernet cable: 8-pin, AWG 24, shielded
- Jacket material: TPE, color: green
- Jacket diameter: 7.7 mm
- Suitable for drag chain use
- UL approval
- RJ45 male connector, straight, 8-pin
- RJ45 male connector, straight, 8-pin

Cable Cross-Section



Contact assignment

Connector A



- 1 = WH/OG (+Tx)
- 2 = OG (-Tx)
- 3 = WH/GN (+Rx)
- 4 = BU
- 5 = WH/BU
- 6 = GN (-Rx)
- 7 = WH/BN
- 8 = BN

Technical data

Ambient temperature (fixed)	-40...+80 °C
Ambient temperature (mobile)	-40...+80 °C
Other Features	
Qualified for drag chain use	yes
UV resistance	yes
Oil-resistant	yes
Approvals	UL
Note	
- We reserve the right to make technical modifications without prior notice.	