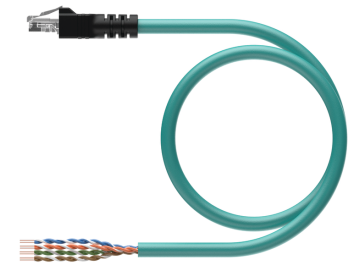
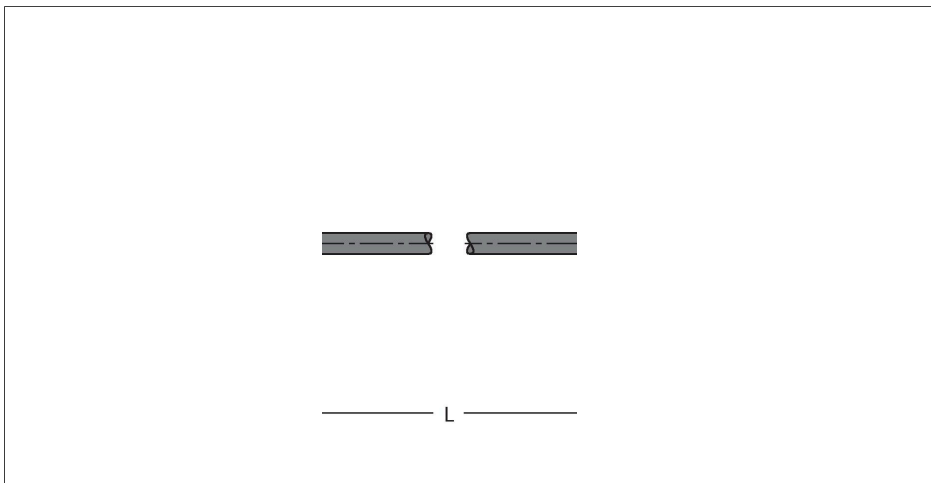


RJ45S 841-6M

Industrial Ethernet Cable – Anschluss Kabelsatz

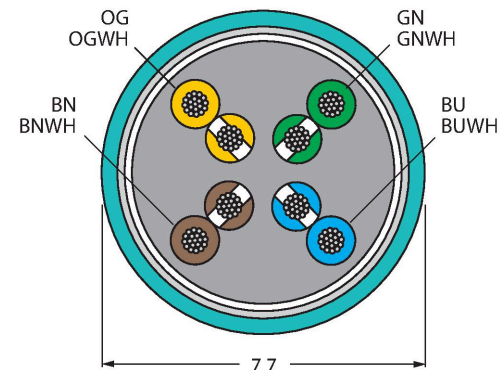


Features



■ RJ45 male connector, straight, 8-pin

Cable Cross-Section



Contact assignment

Connector A



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

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
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

Technical data

Ambient temperature range (stationary)	-40...+80 °C
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Ambient temperature range (In motion)	-40...+80 °C
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Other Features

Qualified for drag chain use	yes
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UV resistance	yes
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Oil-resistant	yes
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Approvals	UL
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Note

- We reserve the right to make technical modifications without prior notice.