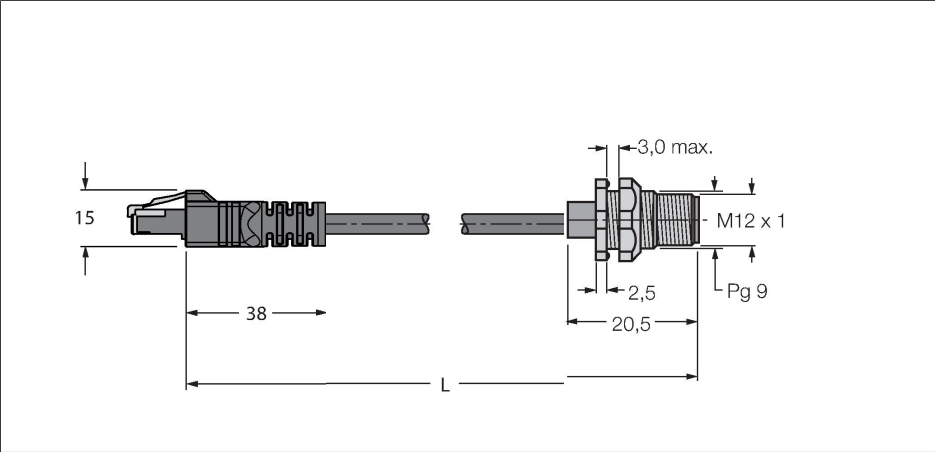


RJ45S FSSD 841-0.5M

Industrial Ethernet Cable – Extension Cable



Technical data

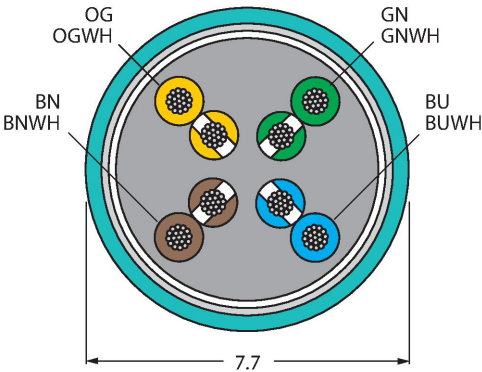
Type	RJ45S FSSD 841-0.5M
ID	U8642-05
Connector A	Male, RJ45, Straight
Number of pins	8
Contacts	Metal, CuSn, Gold-plated
Contact carriers	Plastic, PC, Transparent
Connector body	Plastic, TPU, Black
Protection class	IP20
Connector B	Male, M12 × 1, Straight, D-coded
Number of Pins	8
Contacts	Metal, CuZn, Gold-plated
Contact carriers	Plastic, PA 6.6 GF, Gray
Connector body	Black
Coupling nut/retaining screw	CuZn-Ni
Flange housing	Brass, CuZn, Nickel-plated
Mounting type	rear-mounted
Screw-in thread seal	O ring
Screw-in Thread	PG9
Lock nut/screw	Brass, CuZn, Nickel-plated
Protection class	IP67, Only when screwed together
Cable	
Network protocol	Ethernet, 841
Cable diameter	Ø 7.7 mm
Cable length	0.5 m
Cable jacket	TPE, Green
Shielding	yes
Core insulation	PE

Features

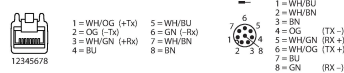


- Ethernet cable: 8-pin, AWG 24, shielded
- Jacket material: TPE, color: green
- Jacket diameter: 7.7 mm
- Suitable for drag chain use
- UL approval
- M12 male flange, 8-pin
- Back panel mounting, Pg 9
- RJ45 male connector, straight, 8-pin
- Cable length: 0.5 m

Cable Cross-Section



Contact assignment



Heading wiring diagram 3

Pin Assignment Right

Technical data

Core cross-section	8 x 0.21 mm²
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
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.	