



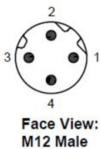
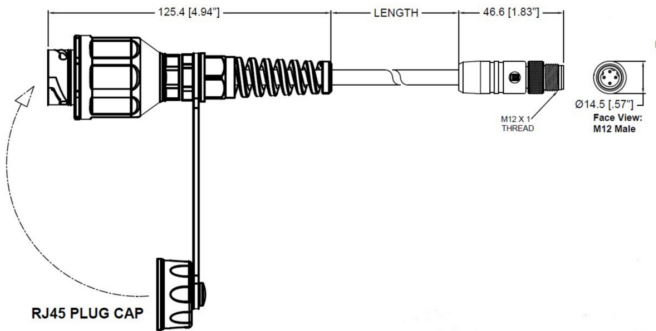
Product: [RST 4D-RJ45F 806](#)

Cable assembly M12, 4-Pin D-Code, Male Straight / Female RJ45 with Cover, IP67, 2 pair, Unshielded, Cat5e, TPE, 0.5 M(1.64 ft), 24 AWG

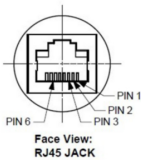
Product Description

Cable assembly M12, 4-Pin D-Code, Male Straight / Female RJ45 with Cover, IP67, 2 pair, Unshielded, Cat5e, TPE, 0.5 M(1.64 ft), 24 AWG

Technical Drawing



COLOR CODE			
RJ45		M12	
1 = White Orange		1 = White Orange	
3 = White Green		2 = White Green	
2 = Orange		3 = Orange	
6 = Green		4 = Green	



Technical Specifications

Product Description

Product Family:	Data Connectors
Brand:	Lumberg Automation
Connector Type:	Cordset, double ended

Voltage Rating:	30 V AC
Data Transmission Type:	Fast Ethernet Cat5e
Data Transmission Rate:	100 Mbit/s

Technical Data Side 1

Side 1 Product Sub Family:	M12 Standard
Side 1 Type of Contact/Gender:	Male
Connector Design:	Straight
Attachment Type:	Coupling Nut
Number of Pins:	4
Coding, Side 1:	D
Contact Resistance:	≤ 10 mOhm
Insulation Resistance:	> 10^9 Ohm
Mating Cycles:	≤ 100
Ambient Temperature (Operation)*:	- 40 °C to 70 °C
Design Standard:	IEC 61076-2-101
Pollution Degree:	3 acc. to DIN EN 60664-1 (VDE 0110-1)
Overvoltage Category:	III acc. to DIN EN 60664-1 (VDE 0110-1)
Contact Base Material:	Brass
Side 1 Contact Plating:	Au over Ni
Molded Body Material:	PUR
Molded Body Color:	Black
Housing Material:	Clear Polycarbonate
Attachment Material:	Brass
Attachment Plating:	Nickel-plated
Fastening Torque (Attachment):	M 12x1: (50-60) Ncm, hand-tight

Cable Data

Cable Number:	806
Conductor Size:	24 AWG
Number of Wires:	4 (2 twisted pairs)
Minimal Bending Radius (Fixed Inst):	.250"
Cycles (Bending):	> 2 M
Conductor Material:	Cu
Cable Jacket Material:	Thermoplastic Elastomer (TPE)
Cable Jacket Color:	Teal
Cable Diameter D:	.275"
Wire Insulation Material:	PO
Insulated Wire Diameter:	.037"
Ambient Temperature (Fixed Installation):	-50°C + 75°C
UL Cable Type:	Cat 5e
Flammability Class (Cable Jacket):	UL: CMR / CSA: CMG
Core Colors:	White / Orange, White / Green, Orange, Green

Technical Data Side 2

Side 2 Type of Contact/Gender:	Female
Connector Design, Side 2:	Straight
Number of Pins, Side 2:	4
Ambient Temperature (Operation), Side 2*:	- 40 °C to 70 °C
Protection Degree / IP Rating, Side 2**:	IP20
Contact Base Material, Side 2:	Phospher Bronze
Contact Plating, Side 2:	Au over Ni
Housing Material, Side 2:	Clear Polycarbonate
Attachment Plating, Side 2:	Gold plating in contact area

History

Update and Revision:	Revision Number: 0.6 Revision Date: 10-27-2025
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