

Product: [0985 806 127](#) 

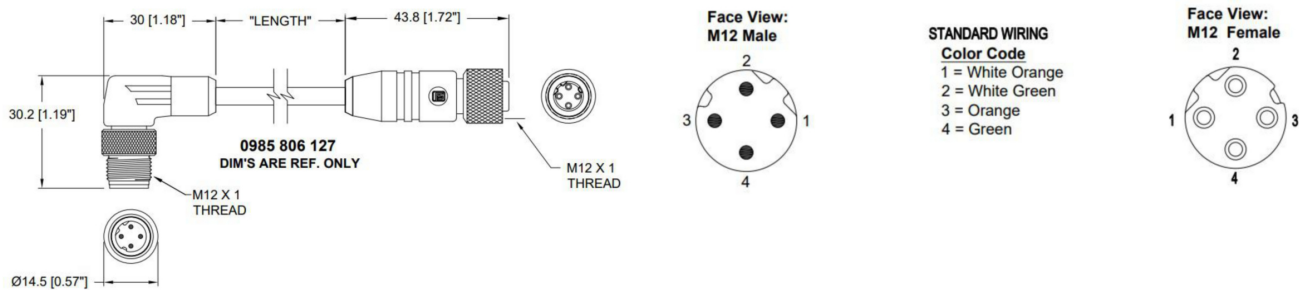


Fast Ethernet Cat 5e, high-flex, double-ended cord set, M12 male, right angle to M12 female, straight, teal TPE jacket, 4-pin, 24 AWG, stranded/unshielded cable with 2 twisted bonded pairs.

Product Description

Fast Ethernet Cat 5e, high-flex, double-ended cord set, M12 male, right angle to M12 female, straight, teal TPE jacket, 4-pin, 24 AWG, stranded/unshielded cable with 2 twisted bonded pairs.

Technical Drawing



Technical Specifications

Product Description

Product Family:	Data Connectors
Brand:	Lumberg Automation
Connector Type:	Cordset, double ended
Shielding:	Unshielded
Rated Voltage:	60 V
Rated Impulse Voltage:	1.5 kV
Operating Voltage:	250V
Rated Current*:	4 A
Data Transmission:	Fast Ethernet Cat5e
Data Transmission Rate:	100 Mbit/s

Technical Data Side 1

Product Sub Family:	M12 Standard
Type of Contact / Gender:	Pin Contact / Male
Connector Design:	Angled
Attachment Type:	Coupling Screw
Number of Pins:	4
Coding:	D
Contact Resistance:	≤ 10 mOhm
Insulation Resistance:	250V
Mating Cycles:	≤ 100
Ambient Temperature (Operation)*:	- 40 °C - + 75 °C
Protection Degree / IP Rating**:	IP68
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:	Copper and Tin (CuSn)
Contact Plating:	Copper over Gold (Cu/Au)
Contact Bearer Material:	Thermoplastic Polyurethane (TPU)
Contact Bearer Color:	Black
Flammability Class (Contact Bearer):	UL 94 HB
Molded Body Material:	TPU
Molded Body Color:	Black
Flammability Class (Molded Body):	UL 94 HB
Attachment Material:	Brass (Cu/Zn)
Attachment Plating:	Nickel (Ni)
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

Product Sub Family, Side 2:	M12 Standard
Type of Contact / Gender, Side 2:	Socket Contact / Female
Connector Design, Side 2:	Straight
Attachment Type, Side 2:	Coupling Screw
Number of Pins, Side 2:	4
Coding, Side 2:	D
Contact Resistance, Side 2:	≤ 10 mOhm
Insulation Resistance, Side 2:	> 10^9 Ohm
Mating Cycles, Side 2:	≤ 100
Ambient Temperature (Operation), Side 2*:	- 40 °C - + 75 °C
Protection Degree / IP Rating, Side 2**:	IP68
Design Standard, Side 2:	IEC 61076-2-101
Pollution Degree, Side 2:	3 acc. to DIN EN 60664-1 (VDE 0110-1)
Overvoltage Category, Side 2:	III acc. to DIN EN 60664-1 (VDE 0110-1)
Contact Base Material, Side 2:	Copper and Tin (CuSn)
Contact Plating, Side 2:	Copper over Gold (Cu/Au)
Contact Bearer Material, Side 2:	Thermoplastic Polyurethane (TPU)
Contact Bearer Color, Side 2:	Black
Flammability Class (Contact Bearer), Side 2:	UL 94 HB
Molded Body Material, Side 2:	Thermoplastic Polyurethane (TPU)
Molded Body Color, Side 2:	Black
Flammability Class (Molded Body), Side 2:	UL 94 HB
Attachment Material, Side 2:	Brass (Cu/Zn)
Attachment Plating, Side 2:	Nickel (Ni)
Fastening Torque (Attachment), Side 2:	M 12x1: (50-60) Ncm, hand-tight

Safety & Environmental Compliance

RoHS Compliant:	yes
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Notes

Protection Degree / IP Rating Note:	IP Rating tested according to IEC standard using combination of a Hirschmann or Lumberg Automation connector mounted and locked
Note Derating:	Notice derating

History

Update and Revision:	Revision Number: 0.32 Revision Date: 07-07-2025
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Variants

Item #	Item Description	Cable Length
900004250	0985 806 127/0.3M	0.3 m
900004220	0985 806 127/0.5M	0.5 m
900004223	0985 806 127/1M	1 m
900004225	0985 806 127/2M	2 m
900004231	0985 806 127/5M	5 m
900004221	0985 806 127/10M	10 m
900004222	0985 806 127/15M	15 m
900004224	0985 806 127/20M	20 m
900004226	0985 806 127/30M	30 m
900004227	0985 806 127/35M	35 m
900004228	0985 806 127/40M	40 m
900004229	0985 806 127/45M	45 m
900004230	0985 806 127/50M	50 m
900004232	0985 806 127/60M	60 m
900004233	0985 806 127/70M	70 m
900004234	0985 806 127/80M	80 m

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