

## Duplex Fiber Optic Patch Cord Single Mode 9/125 OS2 LSZH Armored Patch Cable 3.0mm

Our Product Introduction

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### Basic Information

- Place of Origin: Shenzhen, China
- Brand Name: FIBERMANIA
- Certification: ISO, UL, CE, RoHS
- Model Number: LCSC-ASM023LYL
- Minimum Order Quantity: 10 Pieces
- Price: Negotiable
- Packaging Details: PE bag or OEM service optional
- Delivery Time: 5-8 working days
- Payment Terms: T/T, L/C, Western Union
- Supply Ability: 1000 Pieces



### Product Specification

- Name: Fiber Optic Patch Cord Single Mode
- Connector A: LC/UPC Duplex
- Connector B: SC/UPC Duplex
- Fiber Mode: OS2 9/125μm
- Cable (OD): 3.0mm
- Cable Jacket: Yellow
- Jacket Color: LSZH
- Insertion Loss: ≤0.2dB
- Return Loss: ≥50dB
- Highlight: **9/125 Single Mode Fiber Cable,  
Fiber Optic Patch Cord Single Mode,  
Single Mode 9/125 Fiber Optic Cable**



## Product Description

### Indoor LC UPC to SC UPC Duplex 9/125 OS2 Single Mode OFNR Armored Patch Cable 3.0mm

The single mode fiber optic cable is a type of optical cable used in fiber optic communication technology, characterized by a small core diameter of typically 9μm. This tiny fiber core only allows one optical mode to pass through. Since only a single mode is transmitted, the single-mode optical cable can provide very high bandwidth, which means it can transmit more data. This high-speed Single Mode 9/125μm duplex Armored fiber optic patch cable is terminated with LC/UPC connectors on one end and SC/UPC connectors on the other end (LC/UPC-SC/UPC). Due to its high compressive strength and high-speed transmission, this armored optical cable is very suitable for long-distance transportation.

#### Applications

1. Data centers
2. Ethernet applications
3. FTTH applications
4. Video, data and voice services
5. Test equipment applications

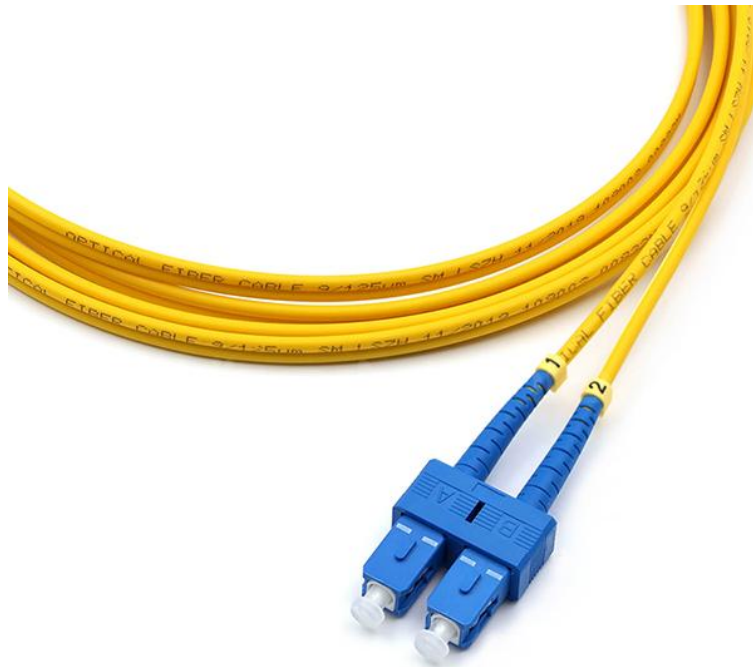
#### Features

1. Snap-in LC Connectors and Push-pull SC Connectors for Easy Installation
2. High bandwidth
3. High Speed, Single Mode
4. Durability and stability
5. Compatible with SFP Modules and XFP Transceivers
6. UL, RoHS materials compliant

#### Specification

Characteristics	Standard Fiber Cable Assemblies	
Connector Type	SC/LC/FC/ST/MTRJ/MPO/MTP/MU/DIN/SMA	
Polish Type	PC/UPC/APC	
Ferrule Materials	Zirconia Ceramic	
Fiber Type	SM(G.652/G.657)	MM(OM1/OM2/OM3/OM4/OM5)
Testing Wavelength	1310±30/1550±30nm	850±30/1300±30nm
Insertion Loss(dB)	≤0.3dB(PC/UPC/APC)	≤0.3dB(PC/UPC)
Return Loss(dB)	≥60dB(APC); ≥50dB(PC/UPC)	≥30dB(PC/UPC)
Exchangeability	≤0.2dB	
Fiber Count	Simplex/Duplex/Multi-core	
Jacket Materials	PVC(Riser)/OFNR/OFNP(Plenum)/LSZH	
Jacket Color	OS2: Yellow; OM1/OM2: Orange; OM3: Aqua; OM4: Aqua or Magenta; OM5: Lime Green;	
Operating Temp. (°C)	-20°C ~ +70°C	
Storage Temp. (°C)	-40°C ~ +85°C	





#### FAQ

Q1: What is the warranty of FiberMania's fiber patch cord?

A: FiberMania warrants that all fiber patch cords supplied are free from defects in material and workmanship for a period of five (5) years from the date of supply. All fiber optic bulk cables are UL profiled and every single cable is 100% tested.

Q2: Is it possible to customize our brand information on your fiber cable?

A: Yes, we can print your brand name onto our cable jacket and 1KM total cable length is requested.

Q3: Can you do 3D interferometer test?

A: Yes, we do the 3D test per our customer's request, we can have the pass rate over 90% and even 100% if necessary.

Q4: What is your MOQ of your products?

A: We only have MOQ for some special customized cable order, we request 1km as the total length of the bulk cable, you may consider stock the bulk cable with us for your urgent order production.

Q5: Are free samples available from you?

A: Yes, we are always happy to offer the free samples for all of our customers' projects provided that the total cost is under 50 US dollars.

Q6: Do you accept OEM and ODM orders?

A: Absolutely yes, we have been doing OEM services since we start in this business, and for every single label, printing, bag and carton design, we always treat it seriously and do it nicely. Our engineers can help you with your current design and even can open the new tooling for your specific project.



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