

## FC Male To LC Female Single Mode Simplex Fiber Optic Adapter/Coupler – Blue

Our Product Introduction

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### Basic Information

- Place of Origin: Shenzhen, China
- Brand Name: FIBERMANIA
- Certification: ISO, UL, CE, RoHS
- Model Number: FCMLCFSS
- Minimum Order Quantity: 10 Pieces
- Price: Negotiable
- Packaging Details: Plastic Container + Carton
- Delivery Time: 7-10 working days
- Payment Terms: T/T, Western Union, L/C
- Supply Ability: 100000PCS/Month



### Product Specification

- Connector Type: FC Male To LC Female
- Fiber Mode: OS2 9/125μm
- Body Style: Simplex
- Durability: 500 Times
- Anti Pulling Force: 200-600G
- Polish Type: UPC
- Insertion Loss: ≤0.2dB
- Flammability Rate: UL 94V-0
- Highlight: **Blue Fiber Optic Adapter,  
LC Female Fiber Optic Adapter,  
FC Male Fiber Optic Adapter**



## Product Description

### FC Male To LC Female Single Mode Simplex Fiber Optic Adapter/Coupler – Blue

The FC-LC single-mode fiber optic adapter is a specialized device designed to connect FC and LC type fiber connectors, specifically engineered for single-mode fiber applications. It boasts a compact and high-density design that facilitates low insertion loss and high return loss, ensuring optimal signal quality during long-distance transmission. Widely utilized in data centers, telecommunications networks, and fiber optic communication systems, the FC-LC adapter is particularly suitable for environments requiring high bandwidth and superior performance. As an essential component of modern fiber optic connections, it plays a crucial role in enhancing network efficiency and reliability.

#### Features

1. Different adapters are available.
2. Low insertion and high return loss.
3. Excellent repeatability and change ability.
4. Simplex and duplex available.

#### Application

1. CATV
2. Active device termination
3. Telecommunication networks
4. Metro
5. Local Area Networks (LANs)
6. Data processing networks
7. Test equipment
8. Premise installations
9. Wide Area Networks (WANs)

#### Mechanical Specifications

Operating Temperature	-40 to +75° C
Storage Temperature	-40 to +85° C
Temperature Cycling	-40 to +75° C, 40 cycles=0.2dB change
High Temperature	70°c for 96Hrs, <0.4dB change
Damp Heat	40° C at 93%RH for 96 Hrs, <0.4dB change
Vibration-Mated Pair	10-55Hz, 1.5mm P to P <0.2dB change
Mating Durability	500 Mating Cycles, clean every 25, <0.2dB change





#### 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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