

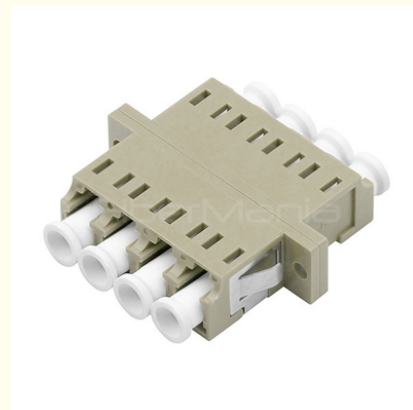
## Beige Multimode Quad Fiber Optic Adapters LC To LC Fiber Coupler

Our Product Introduction

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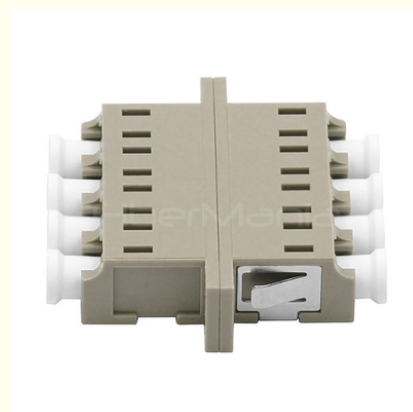
### Basic Information

- Place of Origin: Shenzhen, China
- Brand Name: FIBERMANIA
- Certification: ISO, UL, CE, RoHS
- Model Number: LCLC1QP
- 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

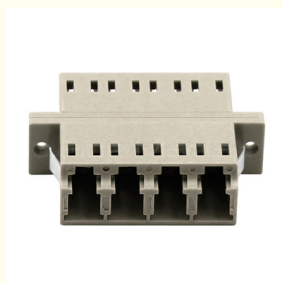


### Product Specification

- Name: Fiber Optic Adapters
- Connector Type: LC To LC
- Color: Beige
- Body Style: Quad
- Polish Type: UPC
- Fiber Mode: Multimode
- Insertion Loss:  $\leq 0.2\text{dB}$
- Durability: 500 Times
- Flammability Rate: UL 94V-0
- Highlight: **Multimode Fiber Optic Adapters, LC To LC Fiber Coupler, Quad Fiber Optic Adapters**



### More Images



## Product Description

### LC UPC To LC UPC Multimode Quad Plastic Fiber Optic Adapter/Coupler – Beige

A fiber optic adapter is a crucial device used in optical fiber systems, featuring one or more input fibers and one or several output fibers. Light entering an input fiber can emerge at one or more outputs, with its power distribution potentially varying based on wavelength and polarization. These couplers can be manufactured using various methods, such as thermally fusing fibers to achieve intimate contact between their cores. When all involved fibers are single-mode—supporting only one mode per polarization direction for a given wavelength—there are specific physical limitations on the coupler's performance. Notably, combining two or more inputs of the same optical frequency into a single-polarization output can result in significant excess losses. However, these restrictions do not apply when using different input wavelengths. Certain couplers can effectively combine inputs at different wavelengths into one output with minimal losses. In this context, a fiber optic adapter is employed.

#### Features

1. Available in singlemode and multimode, including APC and various colours
2. Made of high quality Zirconia ceramic sleeves
3. Female to female & male to female adapters available
4. 100% tested on optical performance (Insertion Loss & Return Loss)
5. Available in singlemode and multimode, including APC and various colours
6. Female to female & male to female adapters available
7. Hybrid, Shuttered and Metal adapters available
8. Coloured for easy identification

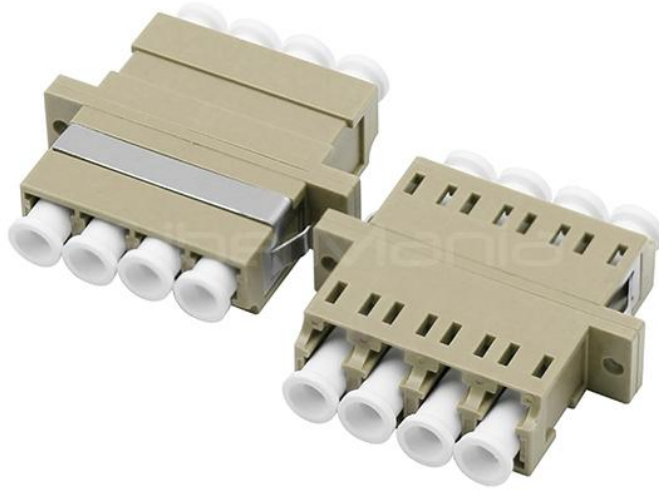
#### Application

1. Premise Installations
2. Connections Between Patchcords
3. Telecommunication Networks
4. FTTX, CATV
5. Local Area Networks (LANs)
6. Communication System
7. Wide Area Networks (WANs)
8. Video Transmission
9. Connections Between Devices

#### Mechanical Specifications

Item Parameter	Single-mode	Multi-mode
Adapter Boot color	Red, Green	Black
Test wavelength	1310nm, 1550nm	850nm, 1300nm
Insertion Loss	typical $\leq 0.15\text{dB}$ , Max $\leq 0.20\text{dB}$	typical $\leq 0.15\text{dB}$ , Max $\leq 0.20\text{dB}$
Repeatability	$\leq 0.10\text{dB}$	
Interchangeability	$\leq 0.20\text{dB}$	
Durability	$\leq 0.20\text{dB}$ Max change, 1000 mating	
Sleeve material	Ceramic( $\text{ZrO}_2$ ) or Customized	
Operating Temperature	$-20^\circ\text{C}$ to $+70^\circ\text{C}$	
Storage Temperature	$-40^\circ\text{C}$ to $+85^\circ\text{C}$	





#### FAQ

Q1: I am using 10Gb 50/125 OM4 MM cabling. Do you have a LC-SC adapter for this? I only see the standard SM and MM adapters.

A: Hi, here are the recommended OM4 50/125 Multimode LC-SC fiber adapters. Please kindly check it. Thanks.

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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