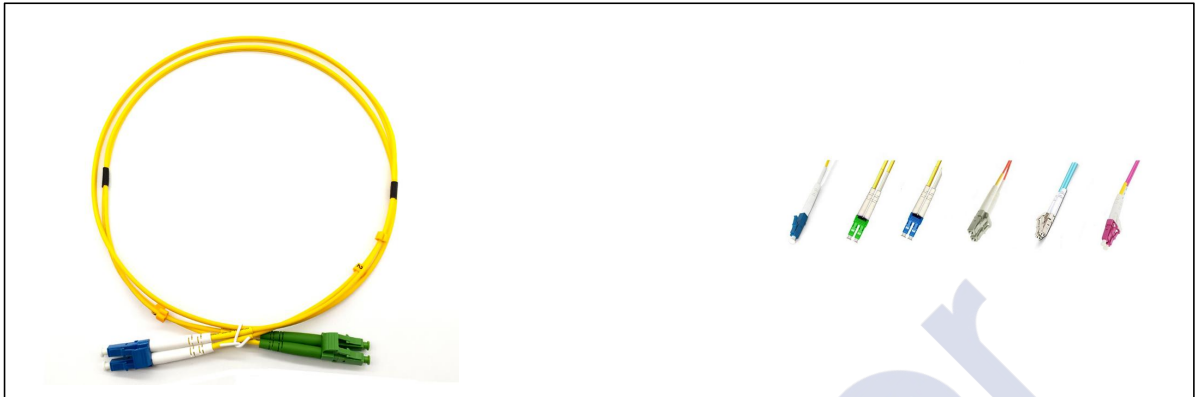


## LC Fiber Optic Patchcord

### Product Drawing



### Product Description

LC connector high-performance fiber optic patch cord is designed to meet the demanding requirements of modern network communication for high-speed and stable data transmission. This patchcord uses advanced LC connectors to ensure seamless connection in fiber optic networks, while greatly reducing signal attenuation and transmission losses.

Core features:

**LC connector design:** LC (Lucent Connector) connectors occupy an important position in the field of fiber optic communication due to their compact size and excellent plug and play performance. Our LC connectors have undergone precision manufacturing and rigorous testing to ensure optimal connection performance with every insertion and extraction.

**High quality optical fiber:** Using high-quality single-mode or multimode optical fibers, ensuring clear and stable signals during high-speed data transmission, meeting the needs of various complex network environments.

**Low loss:** By optimizing the fiber optic material and joint design, this product achieves extremely low transmission loss, ensuring almost no attenuation of signals during transmission, greatly improving communication quality.

**High reliability:** Made of durable materials and precise craftsmanship, ensuring stable operation of jumpers in harsh environments, providing reliable support for the network.

**Flexible application:** Suitable for various fiber optic network architectures, whether it is data centers, telecommunications rooms, or enterprise intranet, it can easily cope with various application scenarios.

### Product features

- Low insertion loss, high return loss.
- Good repeatability and interchange ability.

### Application

Long haul trunk, metro and access system.

CATV and fiber network system.

### Technical Specifications

Project	Technical indicators				
Product name	LC patchcord				
Parameter	Unit	Index			
Connector Type	/	PC(SM)	UPC(SM)	APC(SM)	PC(SM)
Return Loss	dB	≥45	≥50	≥60	≥35
Insertion Loss	dB	Typ≤0.2 Max≤0.3			
Repeatability	dB	≤0.1			
Interchangeability	dB	≤0.2			
Connection Durability	times	≥1000			
Operating Temperature	℃	-25~+70			
Fiber Type	SM9/125,MM50/125,MM62.5/125,OM3,OM4				

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