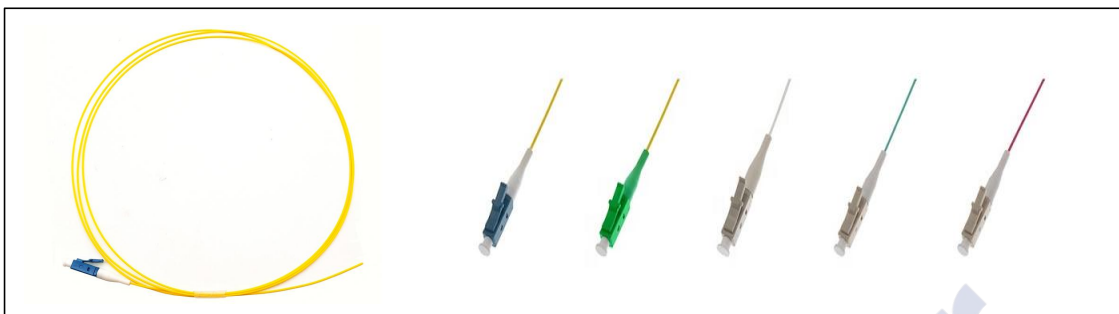


LC Fiber Optic Pigtail

Product Drawing



Product Description

The fiber optic pigtail of LC connector is a high-performance fiber optic connection solution that adopts LC type interface design, especially suitable for single-mode fiber optic connection. It combines the miniaturization, high precision, and easy operation characteristics of LC fiber optic connectors. Compared to traditional fiber optic connectors, it has a smaller volume and is suitable for high-density wiring and limited space for fiber optic connections, providing users with a stable and efficient fiber optic connection experience.

Product features

- Low insertion loss, high return loss.
- Good repeatability and interchangeability.
- The LC type interface design makes the installation process simple and convenient, allowing users to easily connect the pigtail fiber to optical communication equipment.
- It has high reliability and stability, ensuring stable performance for long-term use.

Application

Long haul trunk, metro and access system; CATV and fiber network system.

Technical Specifications

Product Parameters

Project		Technical indicators			
Product name		LC Fiber Optic Pigtail			
Parameter	Unit	Index			
Connector Type	/	PC(SM)	UPC(SM)	APC(SM)	PC(MM)
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	≥500(non-metallic) ≥1000(metal)			
Operating Temperature	℃	-25 ~+70			
Fiber Type		SM9/125,MM50/125,MM62.5/125,OM3,OM4			