

## FAST PUSH LC Connector

### Introduction

Optical patch cord, which used to implement the optical path active connection, and composed of optical fiber connector and fiber cable. It makes two fiber surface precision docking, so that the optical output power maximize the coupling to the receiving optical fiber, and minimize insertion loss. Optical patch cord is use for connect equipment and Optical Fiber Cabling Link, and thick protective coat, commonly use for connection between optical transceiver and the terminal box.

### Features

- High temperature stability
- Good exchangeability
- Good Durability
- Low insertion loss and back reflection loss
- Standard: Telcordia GR-326-CORE

### Applications

- Gigabit Ethernet
- Telecommunication networks
- Active device termination
- Video
- Industrial
- Multimedia
- Military
- Premise installations



### Specification

Item	Single mode	Multimode
Insertion Loss	Typical $\leq 0.2\text{dB}$ , Maximum $\leq 0.3\text{dB}$	$\leq 0.25\text{dB}$
Return Loss	$\geq 50\text{dB}$ (PC), $\geq 60\text{dB}$ (APC)	/
Repeatability	$\leq 0.1$	$\leq 0.1$
Durability	$\leq 0.2\text{dB}$ typical change, 500 matings	$\leq 0.2\text{dB}$ typical change, 500 matings
Interchangeability	$\leq 0.2\text{dB}$	$\leq 0.2\text{dB}$
Tensile strength	$> 70\text{N}$	$> 70\text{N}$
Operating Temperature	$-40 \sim 85^\circ\text{C}$	$-40 \sim 85^\circ\text{C}$