

## LC Optical Fiber Pigtail

### Description

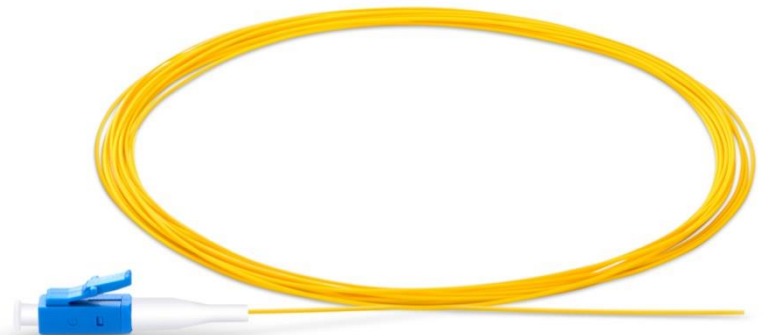
Pigtail is used to connect optical fiber and optical fiber coupler. It includes connector and an optical fiber. It is another form of patch cord, and a connector which is similar to half of a patch cord. Used in the ending part of optical communication, and connected to the optical devices. Or the connection transmission equipment and ODF frame, etc.

### Application

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

### Features

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



### Specification

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



## ST Optical Fiber Pigtail

### Description

Pigtail is used to connect optical fiber and optical fiber coupler. It includes connector and an optical fiber. It is another form of patch cord, and a connector which is similar to half of a patch cord. Used in the ending part of optical communication, and connected to the optical devices. Or the connection transmission equipment and ODF frame, etc.

### Application

- Local Area Networks (LANs)
- Data processing networks
- Instrument
- Premise installations

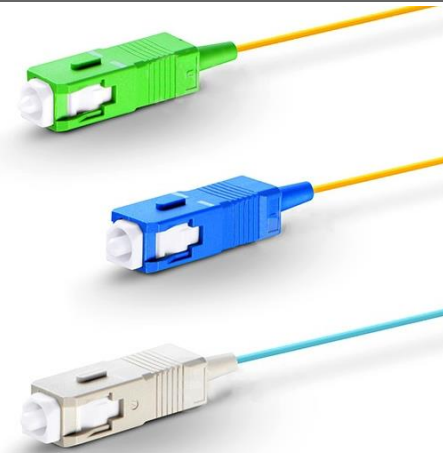
### Features

- Low insertion loss and back reflection loss
- Good exchangeability
- Good Durability
- High temperature stability



### Specification

Item	Specification	
	Single mode	Multimode
Insertion Loss	Typical $\leq 0.2\text{dB}$ , Maximum $\leq 0.3\text{dB}$	$\leq 0.25\text{dB}$
Return Loss	$\geq 50\text{ dB (PC)}$	/
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	$-40\text{ to }+85^\circ\text{C}$	$-40\text{ to }+85^\circ\text{C}$



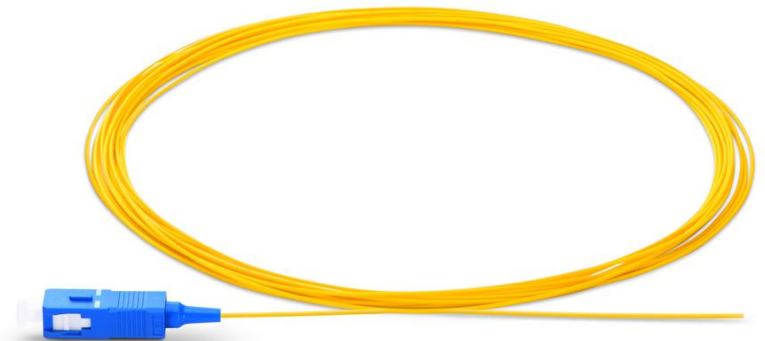
## SC Optical Fiber Pigtail

### Description

Pigtail is used to connect optical fiber and optical fiber coupler. It includes connector and an optical fiber. It is another form of patch cord, and a connector which is similar to half of a patch cord. Used in the ending part of optical communication, and connected to the optical devices. Or the connection transmission equipment and ODF frame, etc.

### Application

- CATV
- Telecommunication networks
- Active device termination
- Metro
- Local Area Networks (LANs)
- Data processing networks
- Test equipment
- Premise installations
- Wide Area Networks (WANs)



### Features

- Simplex/Duplex patch-cord available
- Fan-out available
- Pigtail available
- Various boot (cable) sizes available

### Specification

Item	Specification	
	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	$-40\text{ to }+85^\circ\text{C}$	$-40\text{ to }+85^\circ\text{C}$