

**ALL XPON ONU,  
FIBER ACCESSORIES,  
FIBER OPTIC PRODUCTS,  
FTTH SOLUTIONS**



**FIBERONIX**

## **CONTACT US**

Shop No. B-3, Plot No. 1/2 Basement  
Floor, Bhanot Bhawan Commercial  
Complex, BLK-B Azadpur Landmark  
Near Akash Cinema, Delhi-110033

**Email: [ankita@fiberonixindia.com](mailto:ankita@fiberonixindia.com)  
+91 83739 90092**

**PASSIVE  
PRODUCTS**

**SALES AND SUPPLIER**



LC PC Duplex Single Mode Adapter



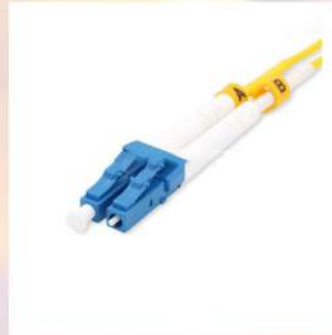
SC APC Simplex Single Mode Adapter



SC PC and SC APC Simplex Single Mode Adapter



SC PC Duplex Single Mode Adapter



LC/PC DX SM Connector 0.9/2.0/3.0mm



12 color LC/apc and LC/pc Single Mode Pigtail 0.9mm (1.5mtr)



SC/pc-SC/apc Simplex Single Mode 3.0mm Patch Cord (2mtr) or (3mtr)



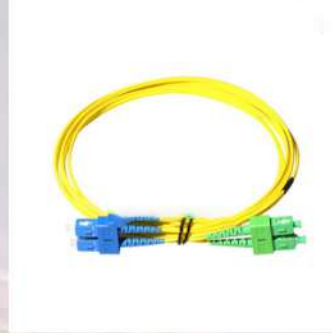
SC/pc-SC/pc Simplex Single Mode 3.0mm Patch Cord (5mtr)



1\*8 Splitter With SC/APC or SC/PC Connector



**1\*32 Splitter with SC/apc or SC/pc Connector**



**LC/PC-SC/APC Simplex SM Simple 3.0mm (2mtr)**



**LC/APC-LC/APC Simplex SM Simple 3.0mm (2mtr)**



**1\*16 Splitter with SC/apc or SC/pc Connector**



**LC and SC duplex Clip (for connector)**



**1\*2 Splitter With SC/PC Connector**



**SC/APC and SC/PC Fast Connector SM(9/125)**



**LC APC and LC PC Duplex Single Mode Adapter**



**SC/apc Simplex Single Mode 3.0mm Patch Cord (5mtr)**



**Sc/apc and Sc/pc Simplex Single Mode Pigtail 0.9mm (1.5mtr)**



**1\*8 Splitter with SC/apc and SC/pc Connector**



**LC/Apc and LC/PC Simplex Single Mode Pigtail 0.9mm (1.5mtr)**



**12 color Sc/apc and Sc/pc Single Mode Pigtail 0.9mm (1.5mtr)**



**12 color LC/apc and LC/pc Single Mode Pigtail 0.9mm (1.5mtr)**



**1\*2 Splitter with SC/apc and SC/pc Connector**



**1\*4 Splitter With SC/APC or SC/PC Connector**



**Chassis fiber media converter 16 Slot**



**1\*2 Splitter With SC/APC or SC/APC Connector**



**1\*16 Splitter with SC/apc and SC/pc Connector**



**10/100 Mbps Single Fiber SM Media Converter**



**10/100/1000 Mbps Single Fiber SM Media Converter**



**Chassis fiber media converter 14 Slot**



**1\*4 Splitter with SC/apc and SC/pc Connector**



**SC/PC SX MM Connector 0.9/2.0/3.0mm**

# 1\*32 Splitter with SC/apc or SC/pc Connector

## Features:

- Use: FTTH FTTX FTTP
- No. of Fiber: 1\*32 APC/ PC
- Use: FTTH
- Application: FTTH FTTB FTTX
- Network Diameter: 2.0
- Length: Customizable
- Fiber Type: G657A
- Wavelength: 1260-1650nm
- Material of box: ABS
- Size: 100mm\*80mm\*10mm
- No. of Fiber: Customizable



# 1\*16 Splitter with SC/apc or SC/pc Connector

Inserting optics splitter is used in FTTH communication system, PON network, CAT LAN, It is specially used to connect and split between the trunk and the distribution in the PON system. In the practice of FTTH, usually used in the corridor, outdoor split place, wall handing, hoops.

## Features:

- Use: FTTH FTTX FTTP
- No. of Fiber: 116 APC/PC
- Application: FTTH FTTB FTTX
- Network Diameter: 2.0
- Length: Customizable
- Fiber Type: G657A
- Wavelength: 1260-1650nm
- Size: 100mm80mm\*10mm
- No. of Fiber: Customizable



## 1\*8 Splitter With SC/APC or SC/PC Connector

It features small size, high reliability, wide operating wavelength range and good channel-to-channel uniformity, and is widely used in PON networks to realize optical signal power splitting.

### Features:

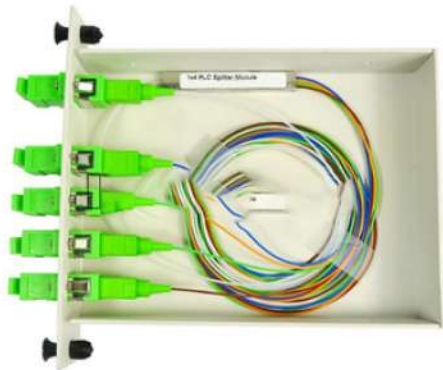
- Low insertion loss and low PDL
- Uniform power splitting
- High reliability
- Excellent environmental stability
- Digital, hybrid and AM-Video systems
- LAN, WAN and Metro Networks
- CATV systems
- Type of Fiber: Single mode or Multimode
- Number of port: 2/4/8



# 1\*4 Splitter With SC/APC or SC/PC Connector

## Features:

- Low Insertion loss and Low PDL
- Uniform power splitting
- High reliability
- Excellent environmental stability
- Compact size and various package
- Use: FTTH
- Box material: Aluminum with paint spraying
- Connector: SC/APC, SC/PC
- Splitter type: 1\*4
- Fiber diameter: 0.9mm
- Operation wavelength: 1260-1650
- Insertion loss: < 7.1dB PDL: < 0.15dB
- Return loss: >55dB
- Operating temperature: -40 °C – 85°C



# 1\*2 Splitter With SC/APC or SC/APC Connector

Metal Cassette PLC Splitter 1×2 FTTH Fiber Splitter Box SC/APC is a type of optical power management device that is fabricated using silica optical waveguide technology.

## Features:

- Low insertion loss and low PDL
- Uniform power splitting
- High reliability
- Excellent environmental stability
- Compact size and various package
- Digital, hybrid and AM-Video systems
- LAN, WAN and Metro Networks
- CATV systems
- Package Type: Metal LGX Cassette
- Adapter Port: SC/APC, SC/PC



## LC/APC-LC/APC Simplex SM Simple 3.0mm (2mtr)

LC-LC fiber optic patch cord is used for linking the equipment and components in the fiber optic network. They are with various kinds of fiber optic connector types. The fiber optic patch cord types are classified by the fiber optic connector types. There are PC, UPC, APC type fiber patch cord. They are different because of the polish of fiber connector.

### Features:

- Length: 2mtr
- Connector type: LC
- Jacket material: LSZH,PVC,OFNR,ORNP
- Fiber Brand: Corning, YOFC, OFS
- Cable diameter: 3.0mm
- No. of Fiber: 2
- Single-Mode Fiber: G652D,G657A1,G657A2,G655
- Multi-Mode Fiber: OM1,OM2,OM3,OM4

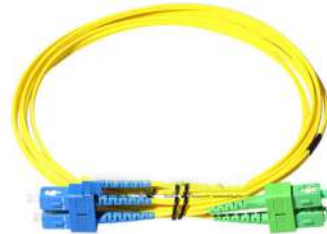
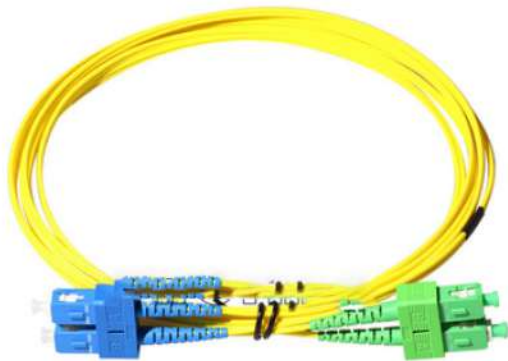


## LC/PC-SC/APC Simplex SM Simple 3.0mm (2mtr)

Fiber optic patch cord is available in both single mode and multimode versions. Both single mode and multimode versions fiber optic patch cord come with a zirconia ceramic ferrule with pre-polished PC,UPC,APC profile and convex spherical end.

### Features:

- Low insertion loss and back reflection loss
- Ferrule end surface pre-domed
- Excellent mechanical endurance
- Good in repeatability
- Good in exchange
- Green Production, CE, RoHS Standard

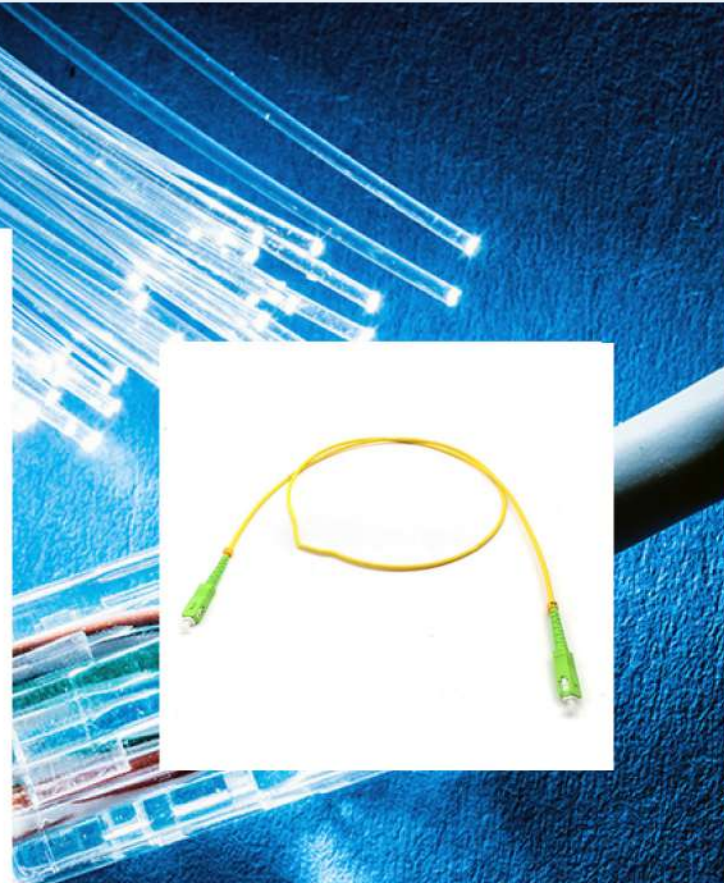


## SC/apc Simplex Single Mode 3.0mm Patch Cord (5mtr)

Fiber optic patch cord is a length of fiber cabling fitted with SC fiber connectors at each end. There are with Single mode, Multimode, OM3, OM4, OM5 for options, 3.0mm with PVC or LSZH.

### Features:

- Low insertion loss, high return loss
- Small, light, high dense connection
- Standard exact plastic material
- Fiber Type: SM(G.652/G.657A)
- Jacket Materials: LSZH/OFNR/PVC
- Connector Type: SC/LC/ST/LC
- Ferrule Materials: Ceramic
- Testing Wavelengths: 1310±30/1550±30nm  
850±30/1300±30nm
- Insertion Loss(dB): ≤ 0.3dB

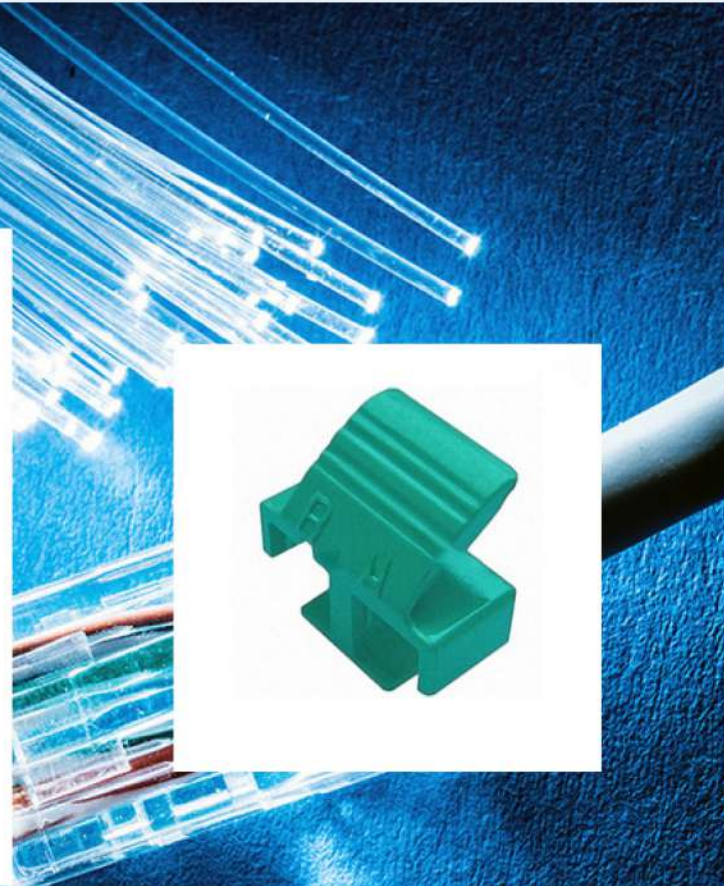


## LC and SC duplex Clip (for connector)

Our connector Clips are exceptional in quality at a favorable price. Furnished in our connector clips is ease of connecting Fiber Optic LC and SC connectors together. The beige housing design of these LC and SC duplex connector clips make connector insertion effortless.

### Features:

- One piece simple design
- Easy installation and detachable design
- for 250/900 $\mu$ m, 900 $\mu$ m LB, 1.6mm and 2mm types are available
- Used to connect two Fiber LC and SC connectors together
- Flexible plastic housing makes connector insertion easy
- Snap in design lets you take connectors out and re-install them in a flash



## LC/PC DX SM Connector 0.9/2.0/3.0mm

The LC connector has a zirconia ceramic ferrule measuring 1.25mm O.D. with either a PC or APC end-face, and provides optimum insertion and return loss. The LC connector is used on small diameter mini-cordage 2.0mm, 3.0mm, 0.9mm cable.

### Features:

- Low insertion loss and back reflection loss
- Ferrule end surface predomed
- Precision anti-rotation key and corrosion resistant body
- UL-rated plastic housing
- Boots in a variety of colors
- Telcordia style boots
- Free-floating ceramic ferrule
- Insertion loss:
  - 0.20dB (SM)
  - 0.25dB (MM)



## SC/PC SX MM Connector 0.9/2.0/3.0mm

The SC/PC connector is available in Multi-Mode versions, and is fully compatible with Telcordia-GR-326-CORE standard. Multi-mode versions come with a zirconia ceramic ferrule with pre-polished PC profile and convex spherical end.

### Features:

- Low insertion loss and back reflection loss
- Ferrule end surface predomed
- Precision anti-rotation key and corrosion resistant body
- UL-rated plastic housing
- Boots in a variety of colors
- Telcordia style boots
- Free-floating ceramic ferrule
- Insertion loss:
  - 0.20dB (SM)
  - 0.25dB (MM)
- Return loss: 55dB (PC)



## SC/PC SX MM Connector 0.9/2.0/3.0mm

The SC/PC connector is available in Multi-Mode versions, and is fully compatible with Telecordia-GR-326-CORE standard. Multi-mode versions come with a zirconia ceramic ferrule with pre-polished PC profile and convex spherical end.

### Features:

- Low insertion loss and back reflection loss
- Ferrule end surface predomed
- Precision anti-rotation key and corrosion resistant body
- UL-rated plastic housing
- Boots in a variety of colors
- Telcordia style boots
- Free-floating ceramic ferrule
- Insertion loss:
  - 0.20dB (SM)
  - 0.25dB (MM)
- Return loss: 55dB (PC)



## Chassis fiber media converter 16 Slot

The INFOSIS- 16 slots media converter rack is acceptable for the most 16 sets of 10M, 100M, or 1000M Media Converters within a rack-mountable chassis which is supplied with unified power; 16 slots media converter rack is acceptable for the most 16 sets of 10/100M Media Converter Cards or 8 sets of 10/100/1000M media Converter Cards within a rack-mountable chassis which is supplied with unified power.

### Features:

- Capacity: 16 slots available
- Power: Input: AC 100 ~260V, 50~60Hz; Or DC48V;
- Output: DC +5V 12A(single power) or 24A(dual power);
- Vein:  $\leq 50\text{mv}$
- Noise:  $\leq 50\text{mv}$
- Power protection: Protection from over voltage, over current and short circuit



## Chassis fiber media converter 14 Slot

The Info fiber Group- 14 slots media converter rack is acceptable for the most 14 sets of 10M, 100M, or 1000M Media Converters within a rack-mountable chassis which is supplied with unified power; 16 slots media converter rack is acceptable for the most 16 sets of 10/100M Media Converter Cards or 8 sets of 10/100/1000M media Converter Cards within a rack-mountable chassis which is supplied with unified power.

### Specifications :

- Capacity: 14 slots available
- Power: Input: AC 100 ~260V, 50~60Hz; Or DC48V;
- Output: DC +5V 12A(single power) or 24A(dual power);
- Vein:  $\leq 50\text{mv}$
- Noise:  $\leq 50\text{mv}$



# 10/100/1000 Mbps Single Fiber SM Media Converter

## Features :

- Supports one 10/100/1000Base-T Gigabit Ethernet UTP port and one 1000Base-SC/ LC Gigabit Ethernet Fiber port
- IEEE802.3x full-duplex flow control
- 1000Base-SX/LX
- Cable
- UTP : Cat. 5 cable and up to 100m
- Requirement: 2A@+5VDC
- Ambient Temperature : 0 ~ 50°C
- Humidity: 5 ~ 90%
- 1000SX : 50/125, 62.5/125, or 100/140µm multi-mode
- 1000LX : 8.3/125, 8.7/125, 9/125 or 10/125µm single-mode



# 10/100 Mbps Single Fiber SM Media Converter

## Features :

- Optional: LFP (Link Fault Pass-through) Function
- Power from External Power Adapter or from USB port
- Choice of SC, ST or LC connector for multimode and single mode
- DIP Switch to set configurations
- Buffer Memory: 128K
- Connector
- RJ-45: 10/100Mbps (Auto-negotiation)
- ST/SC/LC: 100Mbps
- Operation Temperature: 0~50°C
- Humidity: 5~90%



## 1\*2 Splitter With SC/PC Connector

Planar Light wave Circuit (PLC) splitter features wide operating wavelength range, good channel-to-channel uniformity, high reliability and small size, and is widely used in PON networks & FTTx projects to realize optical signal splitting & management. NFO FIBER provides a full series of 1xN and 2xN splitters with customized fan out length & connector types.

### Features :

- Cassette type PLC splitter
- Open-ended or Connectors pre-terminated
- Custom input/output length
- 2.0mm or 3.0mm input/output fiber cable
- Compact design
- Good uniformity and directivity
- Low insertion loss and low PDL
- High reliability



# 1\*16 Splitter with SC/apc and SC/pc Connector

Planar light wave circuit PLC splitter is a type of optical power management device that is widely used in PON networks to realize optical signal power splitting.

## Features :

- Good uniformity and low insertion loss
- Low Polarization Dependent Loss
- Excellent environmental Stability
- Excellent Mechanical Stability
- Mini Steel Tube PLC splitter
- Wavelength: 1260-1650nm
- 1×16 SC/apc and SC/pc



# 1\*8 Splitter with SC/apc and SC/pc Connector

Planar light wave circuit PLC splitter is a type of optical power management device that is widely used in PON networks to realize optical signal power splitting.

Mini steel tube type PLC splitter features small size, high reliability, good channel-to-channel uniformity, and work in temperature range from  $-40^{\circ}\text{C}$  to  $+85^{\circ}\text{C}$ .

## Features :

- Good uniformity and low insertion loss
- Low Polarization Dependent Loss
- Excellent environmental Stability
- Excellent Mechanical Stability
- Telecommunications system
- CATV networks
- Local Access Network (LAN)
- Fiber To The Home (FTTH)



# 1\*4 Splitter with SC/apc and SC/pc Connector

Planar light wave circuit PLC splitter is a type of optical power management device that is widely used in PON networks to realize optical signal power splitting.

## Features :

- Good uniformity and low insertion loss
- Low Polarization Dependent Loss
- Excellent environmental Stability
- Excellent Mechanical Stability
- Telecommunications system
- CATV networks
- Local Access Network (LAN)
- Fiber To The Home (FTTH)
- Analog/Digital Passive Optical Networks (PON)
- Mini Steel Tube PLC splitter
- Wavelength: 1260-1650nm
- 1×4 SC/apc and SC/pc



# 1\*2 Splitter with SC/apc and SC/pc Connector

Planar light wave circuit PLC splitter is a type of optical power management device that is widely used in PON networks to realize optical signal power splitting.

## Features :

- Good uniformity and low insertion loss
- Low Polarization Dependent Loss
- Excellent environmental Stability
- Excellent Mechanical Stability
- Telecommunications system
- CATV networks
- Local Access Network (LAN)
- Fiber To The Home (FTTH)
- Analog/Digital Passive Optical Networks (PON)
- Mini Steel Tube PLC splitter
- Wavelength: 1260-1650nm
- 1×2 SC/apc and SC/Pc



## 12 color LC/apc and LC/pc Single Mode Pigtail 0.9mm (1.5mtr)

Professional manufacturer of SC  
Fiber bundle/fiber pigtail  
100% tested before delivery  
Fiber pigtail is a short optical  
fiber permanently attached to a  
source, detector, or other fiber  
optic device at one end and an  
optical connector at the other.

### Features :

- 12 fibers optional
- With a fan out kit at the junction of fibers
- The fiber is flat type.
- Applicable connector: LC
- Cable material: PVC, OM1, OM2 or OM3 optional
- Single mode or multi mode
- Cable size:  $\Phi$  0.9mm
- Telecommunications or Data communications.
- Computer networks.
- CATV networks.
- Offshore, Power Generation, Oil & Gas.

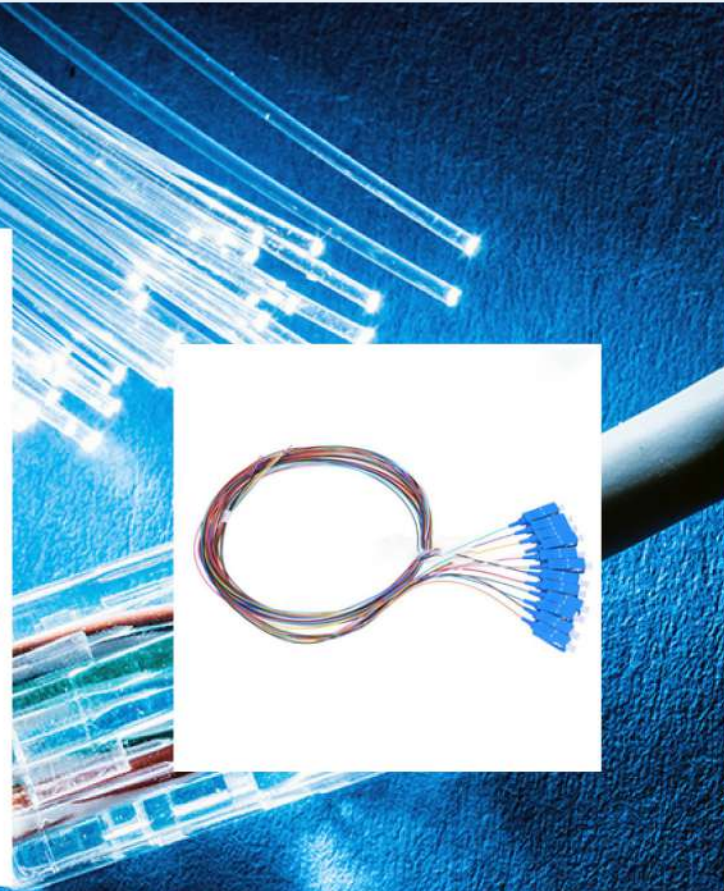
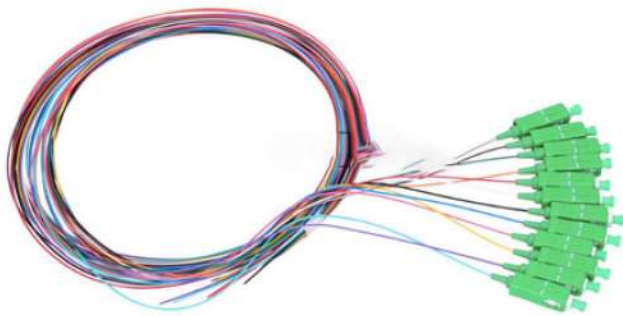


## 12 color Sc/apc and Sc/pc Single Mode Pigtail 0.9mm (1.5mtr)

Professional manufacturer of SC Fiber bundle/fiber pigtail  
100% tested before delivery  
Fiber pigtail is a short optical fiber permanently attached to a source, detector, or other fiber optic device at one end and an optical connector at the other.

### Features :

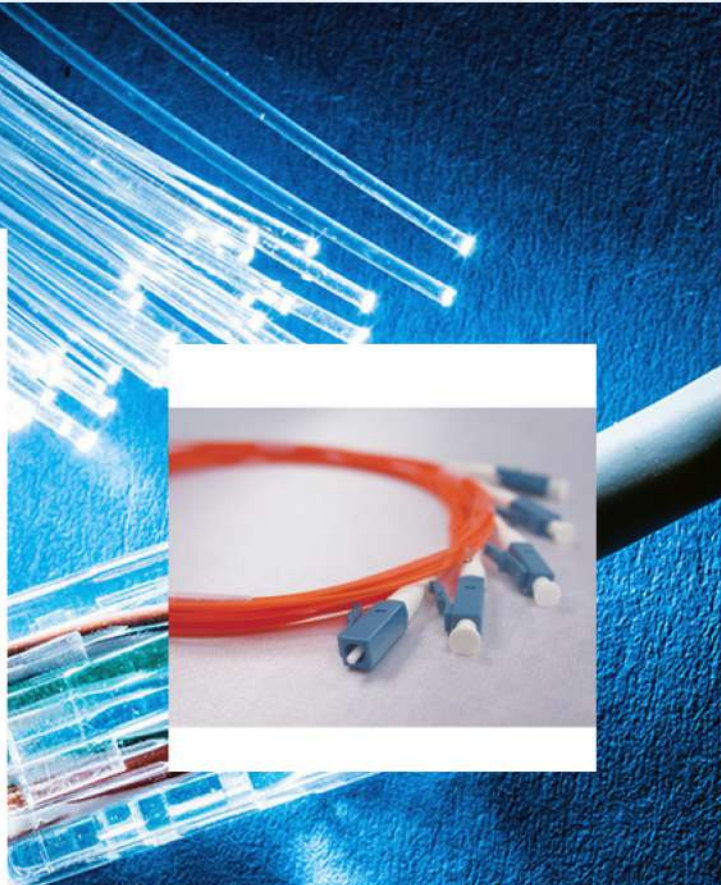
- 12 fibers optional
- With a fan out kit at the junction of fibers
- The fiber is flat type.
- Applicable connector: SC
- Cable material: PVC, OM1, OM2 or OM3 optional
- Single mode or multi mode
- Cable size:  $\Phi$  0.9mm
- Telecommunications or Data communications.
- Computer networks.
- CATV networks.
- Offshore, Power Generation, Oil & Gas.



## LC/Apc and LC/PC Simplex Single Mode Pigtail 0.9mm (1.5mtr)

### Features :

- Fiber Optic Pigtail LC/APC
- Connector type: LC/APC
- Cable type: SM 9/125
- Fiber type: 900um
- Insertion loss 0.2dB
- Return loss 60dB
- Standard:ROHS Compliant
- Low insertion loss
- High reliability
- Low-reflection



## Sc/apc and Sc/pc Simplex Single Mode Pigtail 0.9mm (1.5mtr)

### Features :

- APC and PC polishing
- Single mode fiber: ITU - T G. 652 D
- Multi mode fiber: ITU - T G. 651
- Standard: Telcordia GR-326-CORE
- Standard housing, ceramic ferrule
- Cable diameter: 2.0mm or 3.0mm or 0.9mm
- Fiber diameter: 9/125 $\mu$  M, 62.5/125 $\mu$  M or 50/125 $\mu$  M
- Insertion loss: SM Less than 0.3 dB MM Less than 0.3dB
- Return loss: PC SM larger than 45 dB
- Tensile strength: 10N
- Min. Bending radius: 35mm



## SC/pc-SC/apc Simplex Single Mode 3.0mm Patch Cord (2mtr) or (3mtr)

The fiber optic patch cords are mainly used on fiber patch panel or for the connection between outlets and terminal equipment. The quality of connectors and fibers are mainly determined by the insertion loss and return loss.

### Features :

- High bit rate data transmission
- Telecommunications
- Testing instruments
- Active device terminations
- LAN/WAN
- FTTX
- SM & MM available
- Standard & custom configurations
- Insertion loss:
- Insertion Loss (Typical):  $\leq 0.2\text{dB}$
- Insertion Loss (Max):  $\leq 0.3\text{dB}$
- Each test insertion loss changes:
- Interchangeable test:  $\leq 0.2\text{ dB}$

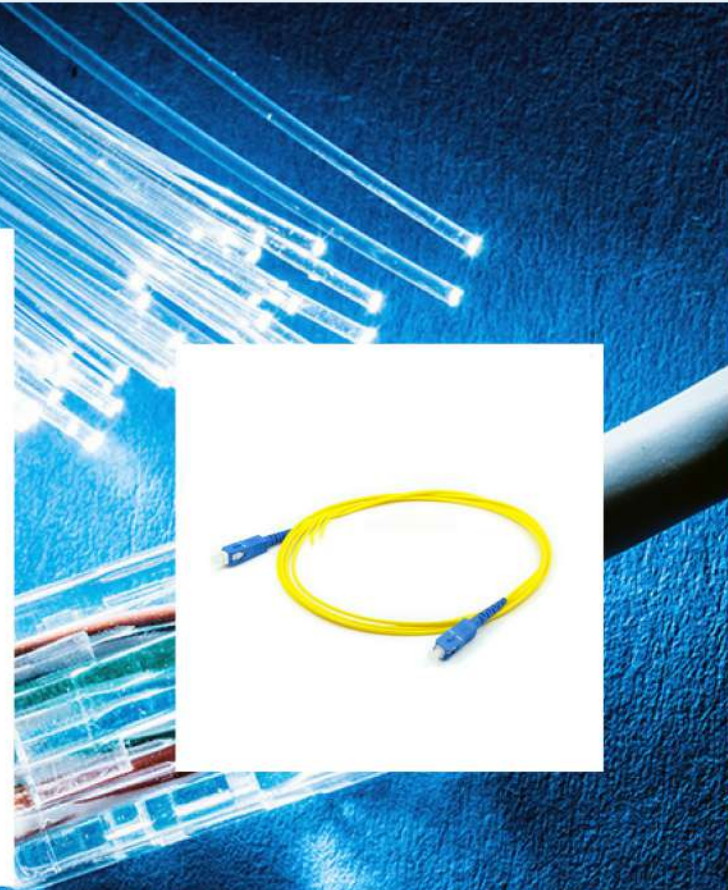


## SC/pc-SC/pc Simplex Single Mode 3.0mm Patch Cord (5mtr)

The fiber optic patch cords are mainly used on fiber patch panel or for the connection between outlets and terminal equipment.

Features :

- High bit rate data transmission
- Telecommunications
- Testing instruments
- Active device terminations
- LAN/WAN
- FTTX.- SM & MM available
- Standard & custom configurations
- Meets Telecordia-GR-326-CORE specifications
- Low insertion loss
- Ultra low back reflection
- Each test insertion loss changes:
  - Interchangeable test:  $\leq 0.2$  dB

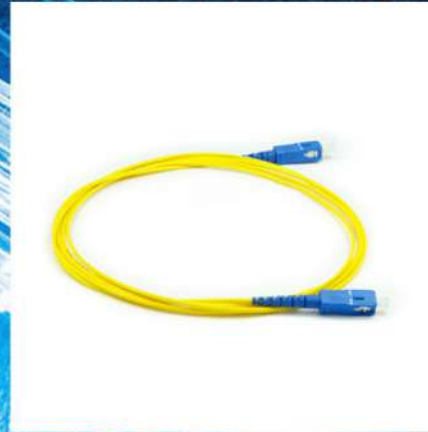


## SC/pc-SC/pc Simplex Single Mode 3.0mm Patch Cord (5mtr)

The fiber optic patch cords are mainly used on fiber patch panel or for the connection between outlets and terminal equipment.

Features :

- High bit rate data transmission
- Telecommunications
- Testing instruments
- Active device terminations
- LAN/WAN
- FTTX.- SM & MM available
- Standard & custom configurations
- Meets Telecordia-GR-326-CORE specifications
- Low insertion loss
- Ultra low back reflection
- Each test insertion loss changes:
  - Interchangeable test:  $\leq 0.2$  dB
  - Size: 2.0mm, 3.00mm
  - Length: 3Mtr, 5Mtr



## SC/APC and SC/PC Fast Connector SM(9/125)

The SC/PC connector is available in both single-mode and multimode versions, and is fully compatible with Telecordia-GR-326-CORE standard.

### Features :

- Use: FTTH FTTB FTTX
- Material: PVC
- Ambient Temperature: -40°C~+80°C
- Air pressure: 70~106Kpa
- Insertion loss: <0.3dB
- Return loss: >40dB
- Tensile strength: >50N
- Mechanical durability: >500 times
- No. of Fiber: None
- Low insertion loss ,high return loss
- Reliable optical performance
- Good connection stability
- Convenient for field installation;
- Installs fast, Operates easy
- Low cost.
- Boot size: 3.0, 2.0 or 0.9mm

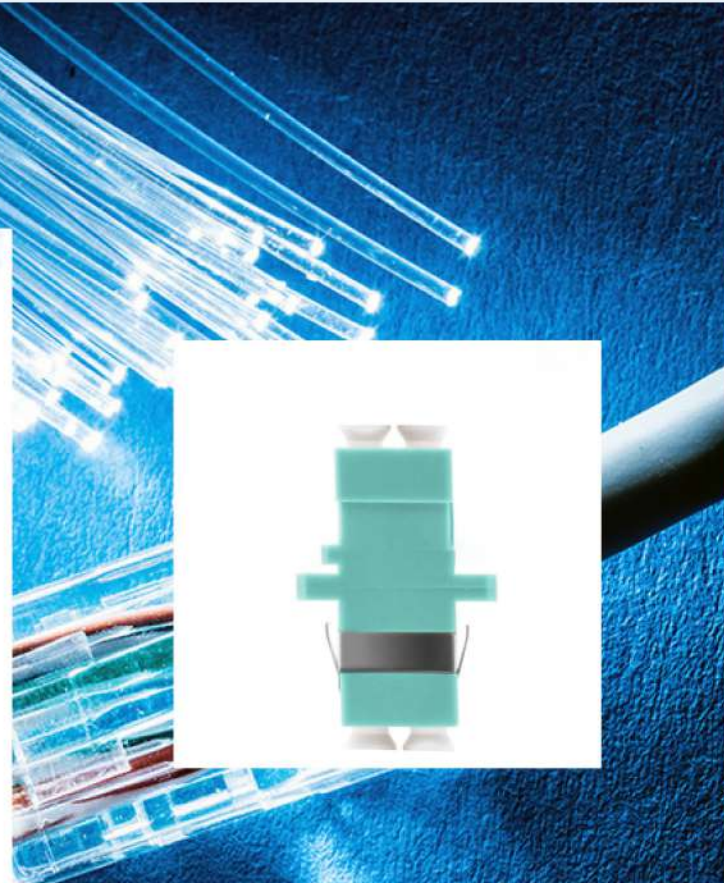


## LC APC and LC PC Duplex Single Mode Adapter

We offers a comprehensive range of LC adapters for both PC and APC applications. Adapters are available in a range of colors with both phosphor bronze.

### Features :

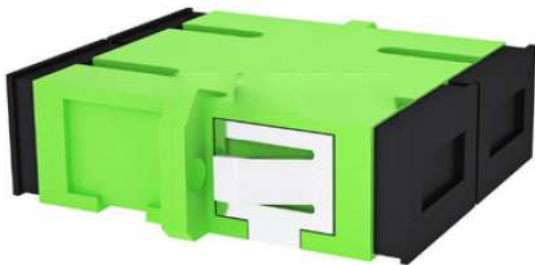
- Adapter type: LC/APC, LC/PC
- Simplex , duplex, Quad versions
- Plastic body
- Different colors available
- Phosphor bronze or Zirconia sleeve (for high-precision alignment)
- Hybrids available: LC/ST, LC/FC, SC/LC and other series
- Insertion loss: -  
Repeatability: - Temperature range: -40 to 80 degree Celsius
- Retention force: 200 to 600g
- Durability: 1,000 times



## SC APC and SC APC Duplex Single Mode Adapter

### Features :

- Adapter type: SC/APC, SC/PC
- Simplex , duplex, Quad versions
- Plastic body
- Different colors available
- Phosphor bronze or Zirconia sleeve (for high-precision alignment)
- Hybrids available: LC/ST, LC/FC, SC/LC and other series
- Insertion loss: -  
Repeatability: - Temperature range: -40 to 80 degree Celsius
- Retention force: 200 to 600g
- Durability: 1,000 times



## SC PC and SC APC Simplex Single Mode Adapter

Typical SC fiber optic adapters are with plastic housing and for single mode SC UPC it is blue color, single mode SC APC it is green color, multimode SC UPC is beige color.

### Features :

- Industrial, military and medical
- Adapter type: SC
- Simplex or duplex versions
- Different colors available
- Phosphor bronze or Zirconia sleeve (for high-precision alignment)
- Angled versions available
- Telcordia, ANSI, TIA/EIA, NTT and JIS compliance
- High precision alignment
- Low insertion and return loss and back reflection
- Choice of metal or plastic housing, mount styles & flange options

