







## Fiber Optic Adapter

### SC Series

SC/UPC Type	SC/APC Type	MM Type	Metal Type	Duplex Type	Push Type
					

### Description:

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. We also supply the metal housing SC fiber optic adapters. Most of these adapters come with ceramic sleeves, while there are bronze sleeve SC adapters which are generally multimode types.

[KINSOM](#) offer various kinds of SC adaptors, single mode & multimode, simplex & duplex, PC & APC, plastic body & metal body, with flange & without flange.

### Features:

- Compact design
- Compliant with: ANSI, TIA/EIA, Bellcore, Telcordia, IEC standards
- High precision alignment
- Low insertion loss and high return loss
- Choice of metal or plastic housing, mount styles & flange options

### Applications:

- Telecommunication
- Computer networks
- CATV networks
- Active device termination
- Instrumentation

## Specifications:







Parameter	Single mode	Multimode
Insertion Loss (IL)	≤0.3dB	
Exchangeability	ΔIL<0.2	
Repeatability (500 remates)	ΔIL<0.2	
Sleeve material	Zirconia	Phosphor Bronze
Housing material	Plastic, Metal	
Operating Temperature	-20 ~ +70°C	
Storage Temperature	-40 ~ +70°C	

## Ordering Information:

1	Fiber Type	Single mode(SM) or Multimode(MM)
2	Fiber Core	Simplex or Duplex
3	Polishing	PC or APC
4	Housing	Plastic body or Metal body
5	Flange	With flange or Without flange
6	Color	Blue(SM UPC) / Beige(MM UPC) / Green(SM APC), or others

## Fiber Optic Adapter

### LC Series

LC/UPC Type	LC/APC Type	MM Type	Duplex Type	SC Type	Quad Type
					

### Description:

The LC adapters belong to the Small Form Factor (SFF) plug connections in which the ferrule diameter is only half that of traditional types of plug connections such as SC. This adapter is well suited for Telecommunication networks and Data applications. The LC connections combine the advantage of high connection density and ease of handling.

KINSOM supply LC fiber optic adapters, including simplex, duplex and quad types; these LC adapters are single mode and multimode styles with plastic housing and zirconia sleeve, with optional bronze sleeve adapters for multimode. There are stand LC fiber adapter and SC footprint LC fiber optic adapters available.

### Features:

- Compact design
- Compliant with: ANSI, TIA/EIA, Bellcore, Telcordia, IEC standards
- High precision alignment
- Low insertion loss and high return loss

### Applications:

- Telecommunication
- Computer networks
- CATV networks
- Active device termination
- Instrumentation

## Specifications:

Parameter	Single mode	Multimode
Insertion Loss (IL)	$\leq 0.3\text{dB}$	
Exchangeability	$\Delta\text{IL} < 0.2$	
Repeatability (500 remates)	$\Delta\text{IL} < 0.2$	
Sleeve material	Zirconia	Phosphor Bronze
Housing material	Plastic	
Operating Temperature	$-20 \sim +70^{\circ}\text{C}$	
Storage Temperature	$-40 \sim +70^{\circ}\text{C}$	

## Ordering Information:

1	Fiber Type	Single mode(SM) or Multimode(MM)
2	Fiber Core	Simplex or Duplex or Quad
3	Polishing	PC or APC
4	Adapter Type	Standard type or SC type
5	Flange	With flange or Without flange
6	Color	Blue(SM UPC) / Beige(MM UPC) / Green(SM APC), or others

## Fiber Optic Adapter

### ST Series



#### Description:

ST adapter has a metal housing and either a precision zirconia or a rugged phosphor bronze sleeve. Zirconia sleeve enables stable connection and thus enhances performance, and is ideal for single mode applications. Phosphor bronze sleeve provides durability, and is ideal for multimode applications.

KINSOM supply fiber optic ST adapters, including the single mode and multimode types. These ST fiber adapters are simplex style and duplex style, most are with zirconia sleeves, optional bronze sleeve adapters are available for multimode.

#### Features:

- Good exchangeability and repeatability
- Zirconia or phosphor bronze sleeve
- Low insertion loss and high return loss
- "D" hole mount style

#### Applications:

- Telecommunication
- Computer networks
- CATV networks
- Active device termination
- Instrumentation
- Fiber Channel

## Specifications:

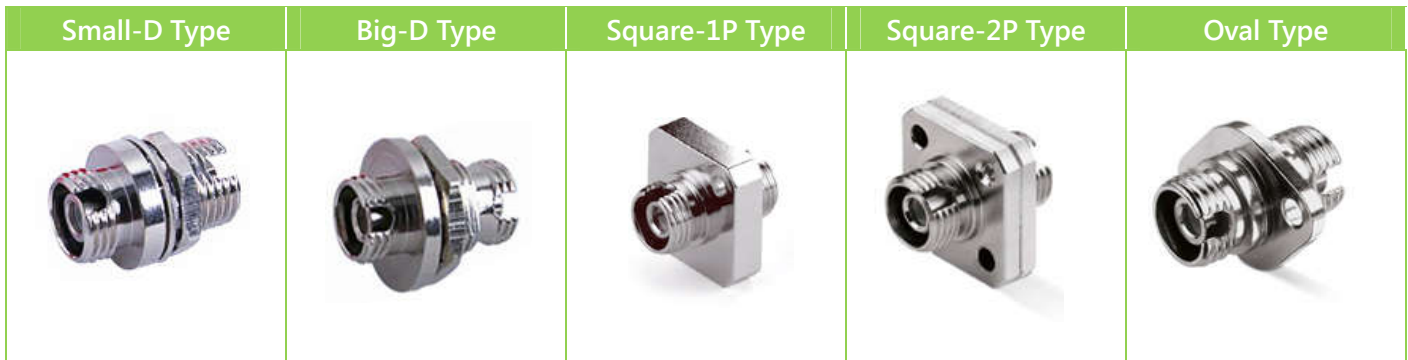
Parameter	Single mode	Multimode
Insertion Loss (IL)	$\leq 0.3\text{dB}$	
Exchangeability	$\Delta\text{IL} < 0.2$	
Repeatability (500 remates)	$\Delta\text{IL} < 0.2$	
Sleeve material	Zirconia	Phosphor Bronze
Housing material	Zinc Aluminum Alloy	
Operating Temperature	$-20 \sim +70^{\circ}\text{C}$	
Storage Temperature	$-40 \sim +70^{\circ}\text{C}$	

## Ordering Information:

1	Fiber Type	Single mode(SM) or Multimode(MM)
2	Fiber Core	Simplex or Duplex
3	Polishing	PC
4	Housing	Plastic body or Metal body

## Fiber Optic Adapter

### FC Series



### Description:

The FC square fiber optic adapter is available in the standard body styles with nickel plated brass or nickel plated zinc housing. FC round fiber optic adapters come with a choice of D Flange ( $\varnothing 8.85 \times 7.95\text{mm}$ ) or double D Flange ( $\varnothing 9.35 \times 7.65\text{mm}$ ), and feature nickel plated brass housing for corrosion resistance.

We offer various kinds of FC adaptors in single mode and multimode versions, such as square type, rectangular, rhombus type, big-D type, small-D type, one-piece(solid body), two-pieces type ect. All these adapters are with metal housing and ceramic sleeves, for multimode FC fiber adapter there is optional bronze housing types.

### Features:

- Good exchangeability and repeatability
- Zirconia or phosphor bronze sleeve
- Low insertion loss and high return loss
- Square flange or "D" hole mount style

### Applications:

- Telecommunication
- Computer networks
- CATV networks
- Active device termination
- Instrumentation

## Specifications:

Parameter	Single mode	Multimode
Insertion Loss (IL)	≤0.3dB	
Exchangeability	ΔIL<0.2	
Repeatability (500 remates)	ΔIL<0.2	
Sleeve material	Zirconia	Phosphor Bronze
Housing material	Zirconia or phosphor bronze sleeve	
Operating Temperature	-20 ~ +70°C	
Storage Temperature	-40 ~ +70°C	

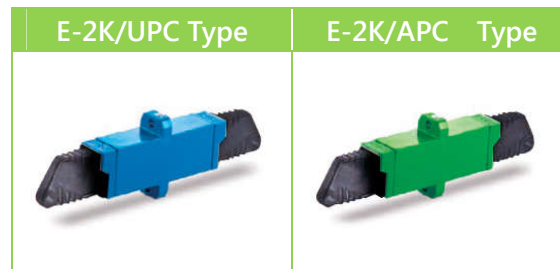
## Ordering Information:

1	Fiber Type	Single mode(SM) or Multimode(MM)
2	Fiber Core	Simplex
3	Polishing	PC
4	Housing	Zirconia or phosphor bronze sleeve
5	Adapter type	Small-D, Big-D, Square-1P, Square-2P, or Oval



## Fiber Optic Adapter

### E2000 Series



### Description:

The fiber optic E2000 adapter are suitable for both PC and APC applications. They are mainly used in telecommunication and networking systems. This E-2000 fiber optic adapter is constructed with plastic body. The housing colors for each model are differed for easy identification: blue for SM, grey for MM and green for APC. It features low insertion loss and strong temperature stability by adopting high precise ceramic sleeve. Please note this adapter is only available in simplex version.

We supply the E2K fiber optic adapters, including the single mode and multimode types, there are UPC and APC adapters available. These E2000 fiber adapters are with zirconia sleeves and in simplex style.

### Features:

- Spring loaded shutter
- High quality split ceramic sleeve
- Low insertion loss and high return loss
- Injection molded PBT housing UL94 V-0 rated

### Applications:

- Telecommunication
- Computer networks
- CATV networks
- Active device termination
- Instrumentation

## Specifications:

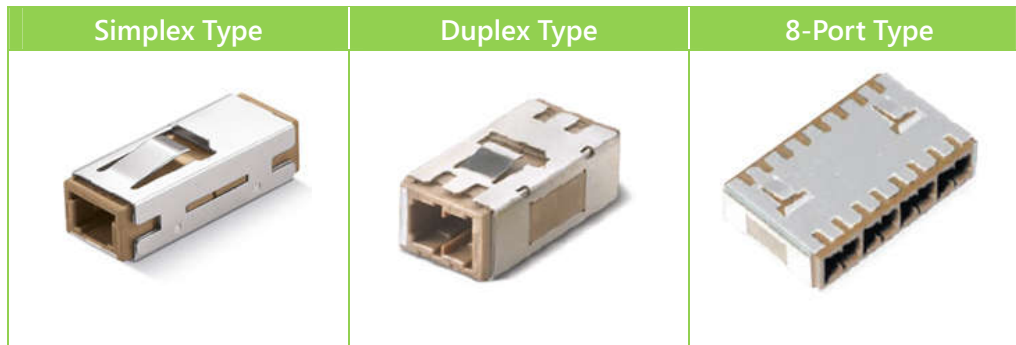
Parameter	Single mode	Multimode
Insertion Loss (IL)	≤0.2dB	
Exchangeability	ΔIL<0.2	
Repeatability (500 remates)	ΔIL<0.2	
Sleeve material	Zirconia	Phosphor Bronze
Housing material	Plastic	
Operating Temperature	-20 ~ +70°C	
Storage Temperature	-40 ~ +70°C	

## Ordering Information:

1	Fiber Type	Single mode(SM) or Multimode(MM)
2	Fiber Core	Simplex
3	Polishing	UPC, APC
4	Housing	Plastic
5	Color	Blue(SM UPC) / Beige(MM UPC) / Green(SM APC), or others

## Fiber Optic Adapter

### MU Series



### Description:

MU adapters are approximately half the size of an SC adapter and utilize zirconia sleeves for precision alignment. These couplers are available in both simplex and duplex versions and mount into rectangular panel cutouts.

We supply fiber optic MU adapters, including the simplex, duplex and 8-port types, single mode and multimode styles. These MU fiber adapters are UPC (for SMF and MMF) and APC types (for SMF), most of them are with zirconia sleeves, optional bronze sleeve MU adapters are for multimode.

### Features:

- Plastic body provides a light weight yet durable solution
- Dust caps protect against debris and contamination
- Stainless steel mounting clips allow for easy snap in installation

### Applications:

- Telecommunication
- Computer networks
- CATV networks
- Active device termination
- Instrumentation

## Specifications:




Parameter	Single mode	Multimode
Insertion Loss (IL)	$\leq 0.3\text{dB}$	
Exchangeability	$\Delta\text{IL} < 0.2$	
Repeatability (500 remates)	$\Delta\text{IL} < 0.2$	
Sleeve material	Zirconia	Phosphor Bronze
Housing material	Plastic	
Operating Temperature	$-20 \sim +70^{\circ}\text{C}$	
Storage Temperature	$-40 \sim +70^{\circ}\text{C}$	

## Ordering Information:

1	Fiber Type	Single mode(SM) or Multimode(MM)
2	Fiber Core	Simplex, Duplex, 8-Port
3	Polishing	UPC, APC
4	Housing	Zirconia sleeve

## Fiber Optic Adapter

### Hybrid Series

SC-ST Type	SC-FC Type	SC-LC Type	ST-FC Type	ST-LC Type	FC-LC Type
					

### Description:

Hybrid fiber optic adapters offer a solution for hybrid applications where the two different kinds of fiber connectors or cable assemblies need to be linked with each other. Most of the hybrid fiber adapters use high precision ceramic sleeves which enable reliable ferrule mating and ensure low insertion loss and return loss during the linking.

We supply various kinds of hybrid fiber optic adapters, including the FC, ST, SC, LC series. These hybrid fiber adapters are single mode and multimode types, with PC or APC sleeves, in simplex and duplex style. They are widely used in the fiber optic links.

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