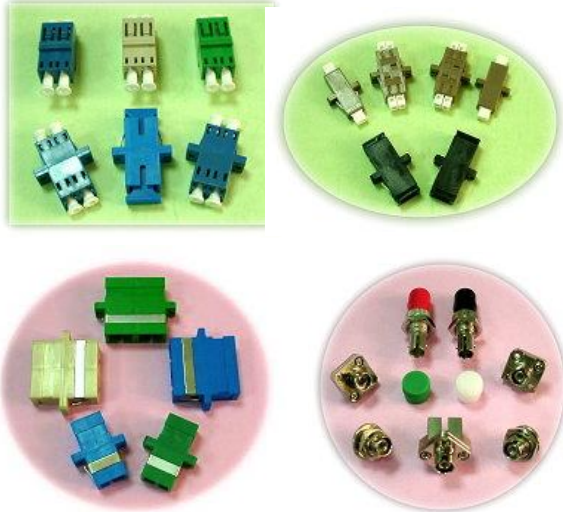




## Fiber Optical Adaptor

**Part number:** FADP-xx-xx-xx-x



### Overview:

The optical fiber adaptor is used to mate two connectors together, usually mounted in a distribution panel or wall box. The fiber optic adaptors are precision made to ensure perfect alignment of connectors, reducing insertion loss. In most cases, it is a critical part of the system aligning the ferrule part of the connectors keeps the fiber in perfect alignment.

### Applications:

- Fiber optic transmission system
- CATV networks
- LAN
- Testing / Measurement Instruments
- Fiber distribution frame, Mounts in Fiber Optics Wall Mount and Rack Mount Cabinets
- Active Device Termination

### Features:

- Low Insertion Loss
- Easy Installation
- RoHS Compliant

### Specification :

Characteristics	Condition	Values
Insertion Loss	-	$\leq 0.2\text{dB}$
Durability	500 mating	$\Delta \leq 0.2\text{dB}$
Temperature Cycling	-40°C ~+85°C (42 Cycles)	$\Delta \leq 0.2\text{dB}$
Humidity Cycling	75°C, 95% (336hr)	$\Delta \leq 0.2\text{dB}$
Vibration	10-55Hz (2hr)	$\Delta \leq 0.2\text{dB}$
Impact	1.5m drop, 8 times	$\Delta \leq 0.2\text{dB}$



## Ordering Information :

FADP- -

### Sleeve

- S- Single-Mode
- M- Multi-Mode
- O- Others

### Counts

- S- Simplex
- D- Duplex

### Adaptor Housing

- 1- Plastic
- 2- D-type Die-casting
- 3- D-type CNC
- 4- Square-type- CNC (two pieces)
- 5- Square-type- CNC (one piece)
- 6- Square-type- Die-casting
- 7- Duplex LC adaptor in SC footprint
- 8- Die-casting
- 9- Half Plastic, Half Metal

### Adaptor Port 1

- |               |             |
|---------------|-------------|
| F- FC type    | P- PC type  |
| S- SC type    | A- APC type |
| T- ST type    |             |
| L- LC type    |             |
| M- MTRJ type  |             |
| U- MU type    |             |
| E- E2000 type |             |
| O- Others     |             |

### Adaptor Port 2

- |               |             |
|---------------|-------------|
| F- FC type    | P- PC type  |
| S- SC type    | A- APC type |
| T- ST type    |             |
| L- LC type    |             |
| M- MTRJ type  |             |
| U- MU type    |             |
| E- E2000 type |             |
| O- Others     |             |