

Fiber Optic Mating Adaptor

Shineoi assembly and supply a broad range of fiber optic mating adaptors, which feature high accuracy, low loss, good duration, repeatability and compatibility.

Mating adaptors are widely used in all kinds of fiber optic network, fiber optic equipment, fiber optic testing to provide precision, long-term stable mating and alignment of fiber optic connector.



Features

- ◆ Easy Installation
- ◆ Precision Mechanical dimensions
- ◆ Good compatibility and repeatability
- ◆ Environmentally stable
- ◆ Low Insertion Loss
- ◆ Low Back Reflection Loss
- ◆ Comply with IEC 60874, Telcordia GR-326-CORE

Specifications

| Items | Single-Mode | | Multi-Mode |
|--------------------------|----------------|-----------|----------------|
| Connector type | FC,SC,ST,LC,MU | | FC,SC,ST,LC,MU |
| Insertion Loss | 0.2dB | | 0.3dB |
| Durability (500 matings) | <=0.10dB | | <=0.15dB |
| Retention force | FC,SC,ST | 200~600gf | --- |
| | LC, MU | 100~300gf | |
| Operation Temperature | -40~+75°C | | |

Note: 1, Zirconia sleeve for SM adaptor, Phosphor Bronze sleeve for MM adaptor; 2, Specification for reference only; 3, Customized products available.

P/N Scheme

ADP X -

Connector Type Designation

| | | | | | | | | | |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| S | F | T | L | U | J | D | 4 | M | H |
| SC | FC | ST | LC | MU | MTRJ | DIN | D4 | MPO | Hybrid |

SC Adapter

ADPS -

| | | |
|---|---|---|
| ① | ② | ③ |
| X | X | X |

 -

| | |
|---|---|
| ④ | ⑤ |
| X | X |

 -

| |
|---|
| ⑥ |
| * |



P/N:ADPS-341-1F

①

| Type | |
|------|--------------------|
| 1 | Simplex |
| 2 | Duplex. Vertical |
| 3 | Duplex. Horizontal |

④

| Hook Material | |
|---------------|-----|
| 1 | PPS |
| 2 | PBT |

⑥

| Optional | |
|----------|------------|
| S | w/ Shutter |
| O | Solid body |



P/N:ADPS-121-1F-O

②

| Color | |
|-------|-------|
| 1 | Blue |
| 2 | Green |
| 3 | Beige |
| 4 | Metal |

⑤

| Flange | |
|--------|-------------|
| F | w/ Flange |
| N | w/ o Flange |



P/N:ADPS-121-1N-S

③

| Sleeve Material | |
|-----------------|----------------|
| 1 | Zirconia |
| 2 | Phosohor Brass |



P/N:ADPS-232-2F

FC Adapter

ADPF -

| | | |
|---|---|---|
| ① | ② | ③ |
| X | X | X |



Square Type

①

| Type | |
|------|----------------|
| 1 | Square |
| 2 | Square Solid |
| 3 | Round, D type |
| 4 | Round, DD type |
| 5 | Oval, HD type |

②

| UPC/APC Key | |
|-------------|-----|
| 1 | UPC |
| 2 | APC |



D & DD type

HD type

③

| Sleeve Material | |
|-----------------|----------------|
| 1 | Zirconia |
| 2 | Phosohor Brass |

ST Adapter

ADPT -

| | |
|---|---|
| ① | ② |
| X | X |



P/N: ADPT-21



P/N: ADPT-11

①

| Type | |
|------|-----------------|
| 1 | Simplex Metal |
| 2 | Duplex Metal |
| 3 | Simplex Plastic |
| 4 | Duplex Plastic |

②

| Sleeve Material | |
|-----------------|----------------|
| 1 | Zirconia |
| 2 | Phosohor Brass |



P/N: ADPT-42
Duplex ST adaptor with plastic housing.

MU Adapter

ADPU -

| | |
|---|---|
| ① | ② |
| X | X |



P/N:ADPU-11

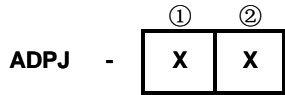
①

| Port Number | |
|-------------|---------|
| 1 | Simplex |
| 2 | Duplex |
| 4 | 4-port |

②

| Sleeve Material | |
|-----------------|----------------|
| 1 | Zirconia |
| 2 | Phosohor Brass |

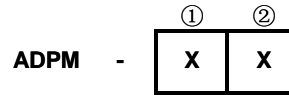
MT-RJ Adapter



| ① Type | |
|--------|----------|
| 1 | Standard |

| ② Color | |
|---------|-------|
| 1 | Black |

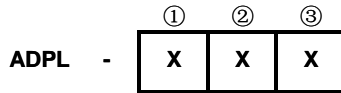
MTP/MPO Adapter



| ① Type | |
|--------|------------|
| 1 | Standard |
| 1 | w/o flange |

| ② Color | |
|---------|-------|
| 1 | Black |

LC Adapter



P/N:ADPL-111
LC standard simplex SM adaptor, Zirconia Sleeve

| ① Type | |
|--------|--------------------------------|
| 1 | Standard Simplex |
| 2 | Standard Duplex |
| 3 | SC footprint duplex w/flange |
| 4 | SC footprint duplex w/o flange |



P/N:ADPL-232
LC standard duplex MM adaptor, PB Sleeve

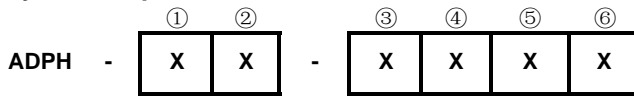
| ② Color | |
|---------|-------|
| 1 | Blue |
| 2 | Green |
| 3 | Beige |

| ③ Sleeve Material | |
|-------------------|----------------|
| 1 | Zirconia |
| 2 | Phosohor Brass |



P/N:ADPL-332
LC duplex MM adaptor, SC footprint type, PB Sleeve

Hybrid Adapter



P/N: ADPH-SL-1121

| ① ② Conn Type | |
|---------------|----|
| T | ST |
| S | SC |
| F | FC |
| L | LC |

| ③ Port Number | |
|---------------|---------|
| 1 | Simplex |
| 2 | Duplex |

| ⑤ Color | |
|---------|-------|
| 1 | Metal |
| 2 | Blue |
| 3 | Green |
| 4 | Beige |

| ⑥ Sleeve Material | |
|-------------------|----------------|
| 1 | Zirconia |
| 2 | Phosohor Brass |



P/N: ADPH-TS-1211

| ④ Type | |
|--------|-----------|
| 1 | Rectangle |
| 2 | Square |



P/N: ADPH-TS-2142



P/N: ADPH-TF-1211

Note

The connector is lined in sequence of ST, SC,FC, LC



← Some Specialty Adapter Sample Pictures