

#### Description

Fiber adapters also called as flanges, a fiber connection component. It includes many types such as FC, SC, ST, LC, MTRJ, etc.. Widely used in ODF, fiber transmission equipment etc.

Fibers are connected each other through inside placket bushings of adapter.

Different shapes of adapters are provided to guarantee high connection effect among fiber jumpers.



#### Features

1. Compact design
2. Telcordia, TIA/IEA, IEC and JIS compliance
3. High precision alignment
4. Low insertion loss, high return loss
5. Choice of metal or plastic housing, mount styles & flange options

#### Parameters

| Type                            | Singlemode / multimode                       |                |
|---------------------------------|--|----------------|
| Insertion Loss                  | ≤ 0.20dB Max for Zr Sleeve                   |                |
|                                 | ≤ 0.30dB Max for Pb Sleeve                   |                |
|                                 | (Note: Measured using JDSU meter and Master) |                |
| Return loss                     | >50dB  |                |
| Durability                      | ≤ 0.2dB typical change, 1000 mating          |                |
| Sleeve/Ferrule Withdrawal Force | 2.0N ~ 5.9N (200gf ~ 600gf)                  |                |
| Operating Temperature           | -40°C to +75°C                               | -40°C to +75°C |
| Storage Temperature             | -40°C to +75°C                               | -40°C to +75°C |

#### Applications

1. CATV
2. Telecommunication networks
3. Local Area Networks (LANs)
4. Metro networks
5. Data processing networks
6. Industrial, military and medical

#### Order information

| SCA           | - | SCA           | - | S         | SM             |
|---------------|---|---------------|---|-----------|----------------|
| SCA=SC/APC    |   | SCA=SC/APC    |   | S=Simplex | SM=Single mode |
| SCP=SC/PC     |   | SCP=SC/PC     |   | D=Duplex  | MM=Multimode   |
| FCA=FC/APC    |   | FCA=FC/APC    |   |           |                |
| FCP=FC/PC     |   | FCP=FC/PC     |   |           |                |
| LCA=LC/APC    |   | LCA=LC/APC    |   |           |                |
| 00=No adapter |   | 00=No adapter |   |           |                |

