

## FTTH SCAPC Fast Connector

Place of Origin: Guangdong, China

Brand Name: OPTICO

Model Number: SC/APC

No. of Fiber: 1 F

Use: FTTH

Product name: Optic fiber fast connector

Color: Green/black

Application: single mode fiber connection

Durability: >500 times

Storage Temperature: -20 C~+60 C

Using temperature: -40~+75°C

Return loss: > 50db(PC), > 55db(UPC), > 65db(APC)

Type: Fiber Optic Connectors

Supply Ability: 300,000 pcs/month

Packaging Details: 2000 pcs/carton

Port: Shenzhen



CE  RoHS CPR 



## Description:

Optical fiber fast connector is a device for detachable (movable) connection between optical fiber and optical fiber. It precisely connects the two end faces of the optical fiber so that the light energy output by the transmitting fiber can be coupled to the receiving fiber to the maximum extent. And to minimize the impact on the system due to its intervention in the optical link, which is the basic requirement of optical fiber connectors.

It is used for the re-pluggable connection device between the optical fibers, also called the optical fiber joint. The main performance parameters (and typical values) include: insertion loss (<0.5dB), plug repeatability and interchangeability between connectors (changes 500 times), etc. When used in high-capacity high-speed transmission systems, low reflection is also required.

## Features:

- 1) Factory-installed fiber stub.
- 2) No epoxy and polishing required, No special tools needed when installed.
- 3) Allows up to three re-termination result.
- 4) Easily installed, Quick and easy fiber termination in the field.
- 5) Only 30 seconds needed to learn the process of installation and making.
- 6) Cost effective, Warranty: One year.
- 7) Fast connecting and repeat, No special tools needed when installed.
- 8) Can be made on-site without splicing connectors.
- 9) Eliminates cable excess length and pigtail splice storage.
- 10) Can be intalled and maked repeatedly thus avoiding loss.

### Applications:

1. Patch panels
2. Distribution frames
3. Maintenance or emergency restoration of fiber networks
4. FTTH Outlets
5. Connection at the desk for LAN environments
6. Fiber Optic Patch Cord & Pigtail
7. Telecommunication Devices
8. Data Communications Networks
9. Optical Fiber LAN and Access Network
10. Industry and Military Applications

### Technical Data

| ITEM  | Technical Parameters                 |
|---|--------------------------------------|
| Applicable for                                    | Drop cable / Indoor cable            |
| 0.9mm Tight Buffer Fiber, 2.0mm, 3.0mm Drop Cable |                                      |
| Optical fiber diameter                            | SM(9/125), MM(50/125, 62.5/125)      |
| 125 $\mu$ m ( 657A & 657B )                       |                                      |
| Tight buffer diameter                             | 250 $\mu$ m                          |
| Fiber mode  | Single mode                          |
| Operation time                                    | About 100s(no fiber cut)             |
| Insert loss                                       | $\leq$ 0.3dB(1310nm & 1550nm)        |
| Return loss                                       | > 50db(PC), > 55db(UPC), > 65db(APC) |
| Fastening strength of naked fiber                 | >5 N                                 |
| Fastening strength of naked fiber holder          | >10 N                                |
| Tensile strength                                  | >50 N                                |
| Using temperature                                 | -40~+75°C                            |





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