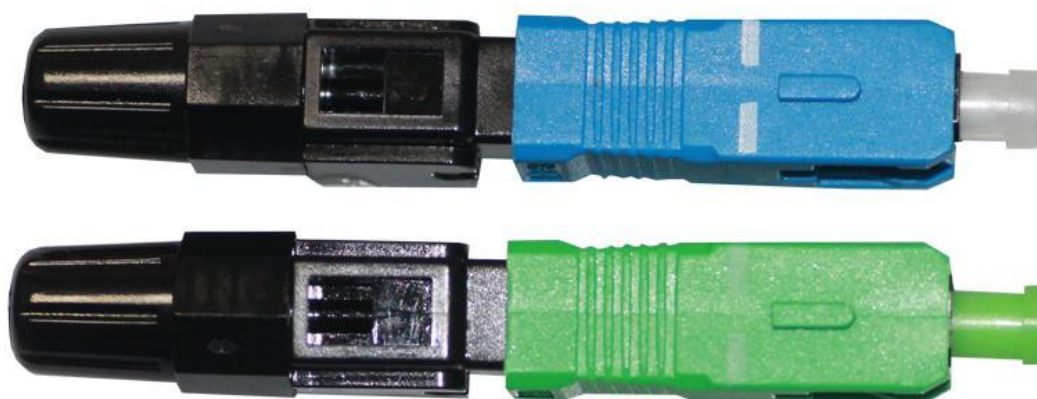


## FTTH Fiber Optical Quick Connector

- For FTTx Solution



### Product Overview

This kind of Field Assembly Optical Connector is designed for fast and simple field termination of single fiber, without polishing or epoxy. The Connector is made with precision and high quality Zirconia ferrules and provides a highly reliable connection in most of the network application. The SC type is available with 250/900um buffed fiber, 2.0mm, 1.6mm x 2.0mm, 2.0mm x 3.0mm and 3.0mm jacket cable. The universal type connector is also available, which is suitable for all of the 250/900um, 2mm and 3mm, 2.0mm x 3.0mm cable diameter.

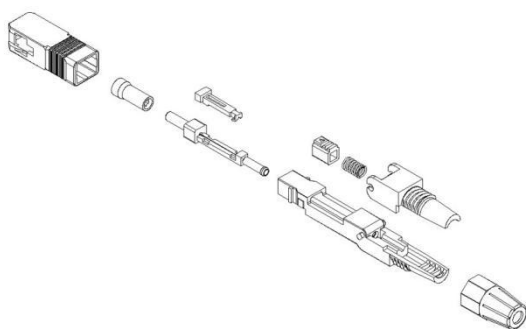
### Keyed Characteristics

- ✓ Comply with TIA/EIA and IEC;
- ✓ Quick and easy fiber termination;
- ✓ RoHS compliant;
- ✓ Reusable termination capability [Up to 5 times];
- ✓ Easy to deploy fiber solution;
- ✓ High success rate of connections;
- ✓ Low Insertion & Back Reflection;
- ✓ No special tools required.;

## Application

- ✓ All fiber interconnection;
- ✓ Telecom Distribution and Local Area Networks;
- ✓ FTTH and FTTx;
- ✓ Passive optical networks [ATM, WDM, Ethernet];
- ✓ Broadband, Cable TV(CATV).

## Connector Scheme



## Technical Parameter

| Category                                                                   | Specification                  |                        |
|----------------------------------------------------------------------------|--------------------------------|------------------------|
| Applicable for                                                             | Φ2.0 x 3.0mm Indoor Drop Cable |                        |
| Fiber mode                                                                 | 9/125μm Singlemode             |                        |
| Polish Type                                                                | APC / UPC                      |                        |
| Dimension                                                                  | 60mm                           |                        |
| Housing                                                                    | Green / Blue PC Plastic        |                        |
| Ferrule Material                                                           | Ceramic(Zirconia)              |                        |
| Operation time                                                             | S                              | About 50(no fiber cut) |
| Insertion Loss                                                             | dB                             | ≤ 0.50                 |
| Insertion Loss Typical value                                               | dB                             | ≤ 0.30                 |
| Return Loss                                                                | dB                             | ≥ 45.0                 |
| Fastening strength of naked fiber                                          | N                              | ≥ 5                    |
| Tensile strength                                                           | N                              | ≥ 50                   |
| Reusable                                                                   | Time                           | ≥ 10 times             |
| Operating Temperature                                                      | °C                             | -40 ~ +75              |
| On-line tensile strength (10N)                                             | dB                             | ΔIL ≤ 0.3              |
| Mechanical durability (500 times)                                          | dB                             | ΔIL ≤ 0.3              |
| Drop-off test<br>(drop-off height 4m, once per direction, totally 3 times) | dB                             | ΔIL ≤ 0.3              |
| Conformance                                                                | TIA/EIA 604-3                  |                        |

**Accessories Package**

Fiber Cleaver



Pixian Stripping



Cable Holder



Wire Stripper

**■ Packing Details for Reference (or Meet Customized Standard)****Blister Box Packing**

|  |                     |       |
|--|---------------------|-------|
|  | Size (CM)           | 12*9  |
|  | QTY (PCS/Box)       | 10    |
|  | Net Weight (KG/PCS) | 0.005 |

**Outer Packing**

|  |                    |            |          |
|--|--------------------|------------|----------|
|  | Size (CM)          | 49X32X32.5 | 49X32X17 |
|  | QTY (Gift Box/Box) | 200        | 100      |
|  | QTY (Pcs/Box)      | 2000       | 1000     |
|  | N.W (KG/Box)       | 6.8        | 3.4      |
|  | G.W (KG/Box)       | 12         | 6.5      |