



Specification

SC Fast Connector

FIC Connector (Field Installable Connector) is specially for single fiber FTTH drop cable filed termination. It provides efficient assembly and high reliability connection to make it easy for the last meters optic cable termination for FTTH.

Features

- Good insertion loss ,high return loss
- Reliable optical performance
- Good connection stability
- Convenient for field installation
- Installs fast, Operates easy
- Low cost

Application

- Patch panels
- Distribution frames
- Maintenance or emergency restoration of fiber networks
- FTTH Outlets
- Connection at the desk for LAN environments

Availability

- The connector can be chosed pc or APC.



Cone Ferrule

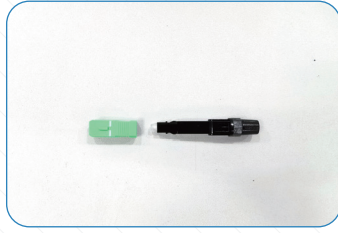


Step Ferrule

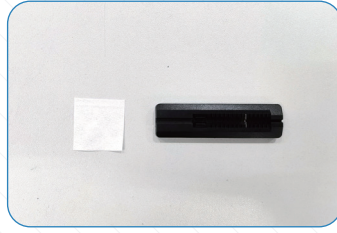
Item	Specification
Insertion Loss	Typical $\leq 0.3\text{dB}$, Maximum $\leq 0.5\text{dB}$
Return Loss	PC $\geq 45\text{dB}$, APC $\geq 55\text{dB}$
Durability	$\leq 0.3\text{dB}$ typical change, 500 matings
Operating Temperature	$-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$
Housing type	APC - Green, PC - Blue

Installation steps for drop cable

1. Components and tools:



1.1 Components



1.2 Auxiliary tools



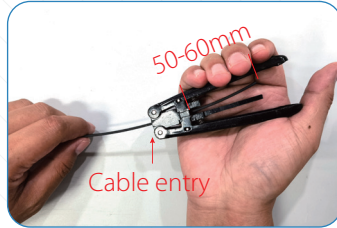
1.3 Recommended Installation tools

2. Assembly steps:

- Process the fiber -



2.1 Put the cable into the boot



2.2 Strip the cable strengthen layer



2.3 Press the cable into the clamp



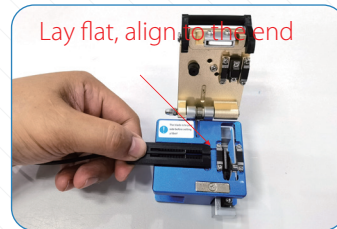
2.4 Click the fiber



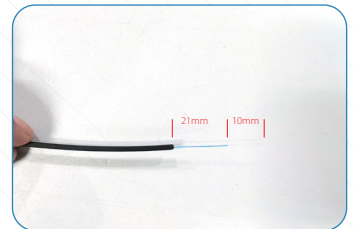
2.5 Clean the fiber



2.6 Put the cable into the cutting clamp



2.7 Cut the fiber

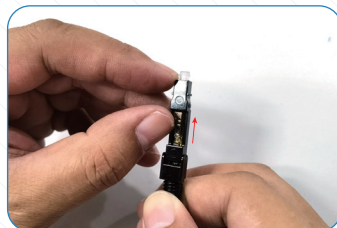


2.8 The fiber length specification

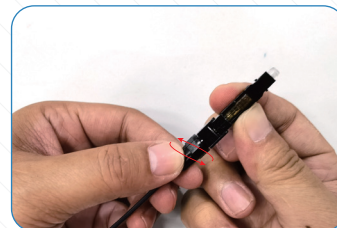
- Assembly -



2.9 Insert the fiber



2.10 Lock the fiber

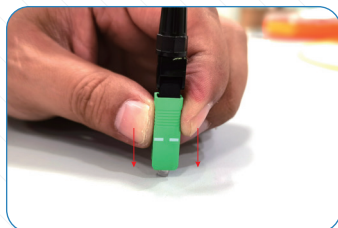


2.11 Lock the boot

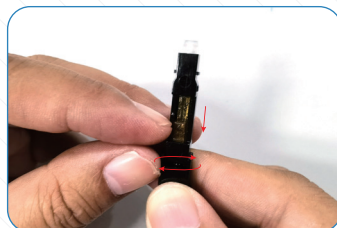


2.12 Lock the fiber
(Take off the switch)

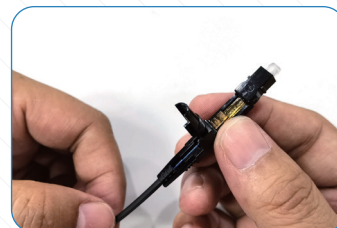
- Disassembly -



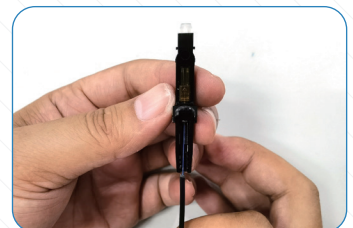
2.13 Press the outer frame firmly until the outer frame falls off



2.14 Unlock the boot



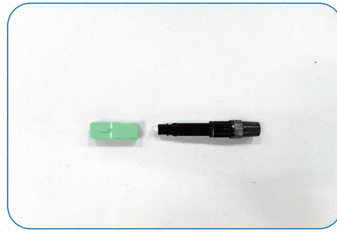
2.15 Unlock the fiber



2.16 Put out the fiber

Installation steps for round cable

1. Components and tools:



1.1 Components



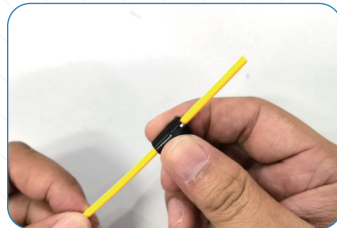
1.2 Auxiliary tools



1.3 Recommended Installation tools

2. Assembly steps:

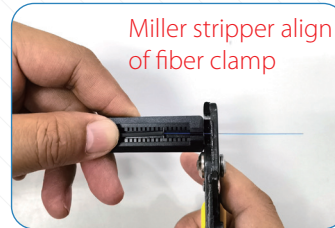
- Process the fiber -



2.1 Put the cable into the boot



2.2 Strip the cable strengthen layer



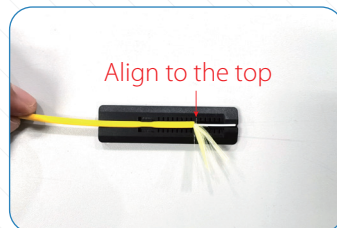
2.3 Press the cable into the clamp



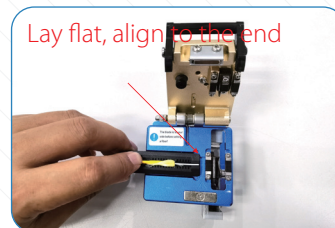
2.4 Click the fiber



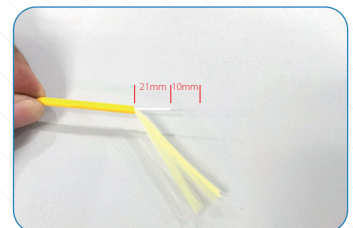
2.5 Clean the fiber



2.6 Put the cable into the cutting clamp

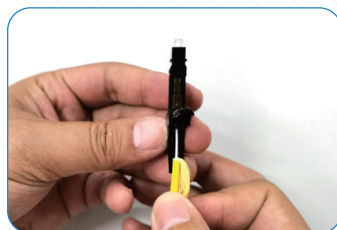


2.7 Cut the fiber

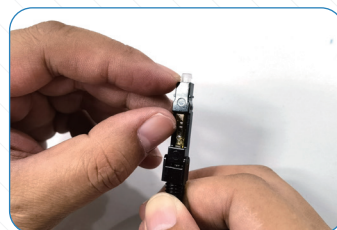


2.8 The fiber length specification

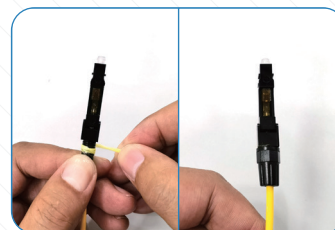
- Assembly -



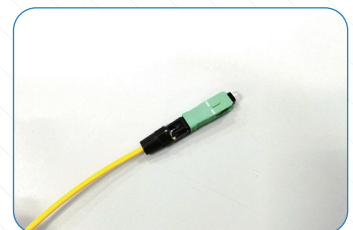
2.9 Put the cable into the boot



2.10 Insert the fiber

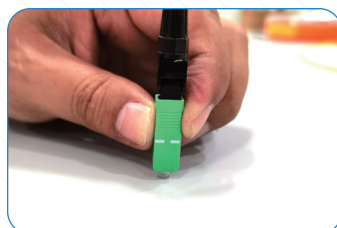


2.11 Lock the boot and cut off the excess kevlar

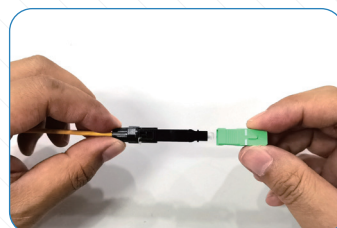


2.12 Lock the fiber

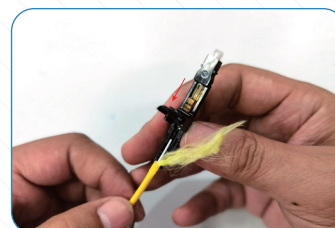
- Disassembly -



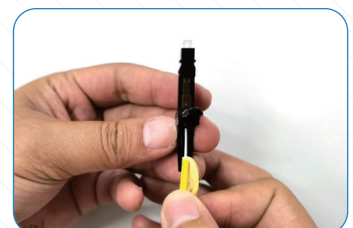
2.13 Press the outer frame firmly until the outer frame falls off



2.14 Unlock the boot



2.15 Unlock the fiber



2.16 Put out the fiber