

## FTTH Drop Cable FIC Connector

### Description

FTTH Drop Cable 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

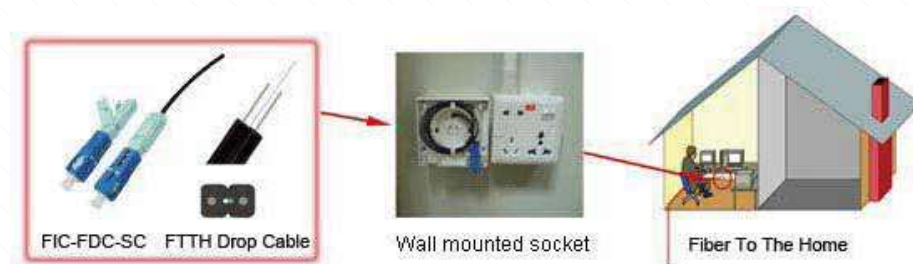
- SC/FC/LC type available
- Field installable, cost effective, easy to operate
- About 2 mins to finish per termination
- Patent of precision ceramic U-groove alignment technology, average IL<0.2dB, reliable durable and superior optical performance
- Factory pre-polished, no electricity required



### Specification

Item	Specification
Insertion Loss	Average $\leq$ 0.2dB, Max $\leq$ 0.4dB
Return Loss	UPC: $\geq$ 40dB, APC: $\geq$ 55dB
One-time Assembly Rate	$\geq$ 97%
Assembly Repeatability	$\geq$ 5 times
Life time	$\geq$ 10 years
Average Assembly Time	3 minutes
Tensile Resistance	$\geq$ 30N
Operation Temperature	-40° C~+85°C

### FTTH Application:



## Installation steps for drop cable

### 1. Components and tools:



1.1 Components



1.2 Auxiliary tools



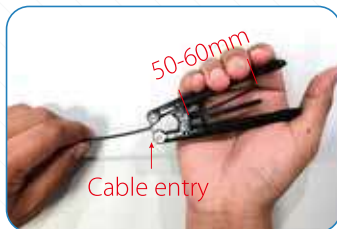
1.3 Recommended Installation tools

### 2. Assembly steps:

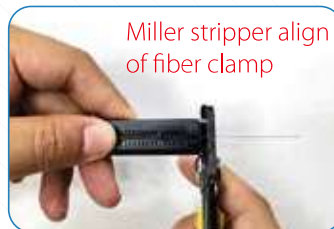
#### - Process the fiber -



2.1 Put the cable into the boot



2.2 Strip the cable strengthen layer



2.3 Press the cable into the clamp



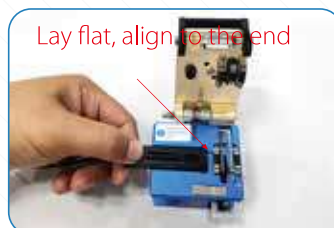
2.4 Click the fiber



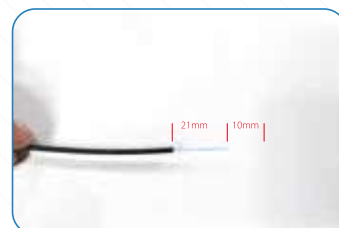
2.5 Clean the fiber



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:

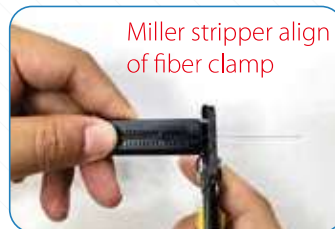
#### - Process the fiber -



2.1 Put the cable into the boot



2.2 Strip the cable strengthen layer



2.3 Press the cable into the clamp



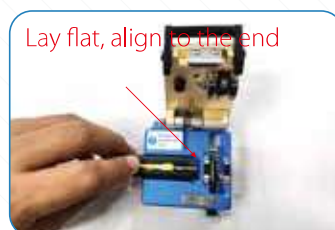
2.4 Click the fiber



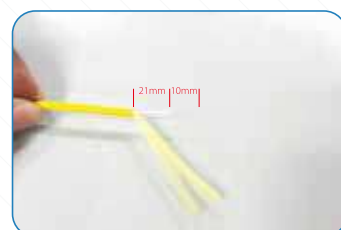
2.5 Clean the fiber



2.6 Put the cable into the cutting clamp



2.7 Cut the fiber



2.8 The fiber length specification

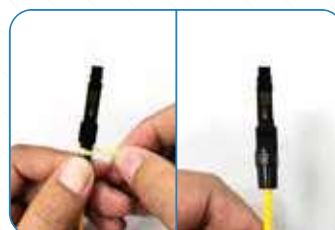
#### - Assembly -



2.9 Put the cable into the boot



2.10 Insert the fiber



2.11 Lock the boot and cut off the excess kevlar

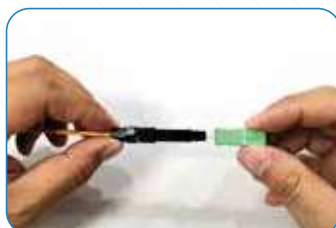


2.12 Lock the fiber

#### - 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