

## Field Assembly Fast Connector

### Description

Field assembly connector is a most used passive component in optical construction field which is used to terminate a optical fiber(generally,FTTx butterfly cable). It has already been applied in Optical Distribution Cabinet, Optical testing instrument and Optical transmission network. With the rising of FTTh construction around the world, the demand of the field assembly connector will be enhanced year by year.The field assembly connector can be separated into two types—— Fiber direct-in type and Preset fiber with matching fluid type.

**Fiber direct-in field assembly connector.**

**Preset fiber field assembly connector with matching fluid.**

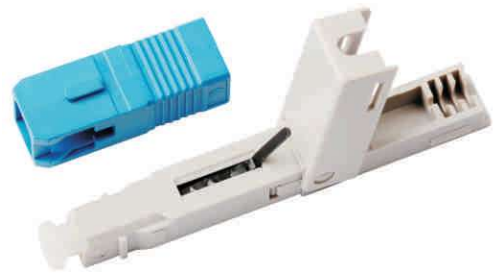
### Features

- Suitable for FTTx butterfly type cable(both square and circle shape are available)  
Special Crimp Tool free design
- Low insertion loss(including optical adapter)
- Buckle design, easy to open and close
- Integrated with SC/APC ferrule
- Preset fiber and matching-fluid design ensure the performance
- Composed with high quality adaption fluid
- Easy in use

### Specification

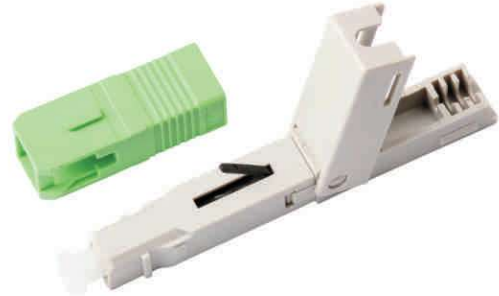
#### Field assembly fast connector

Connection type	Fiber direct-in	Preset fiber with matching fluid
Connector type	SC	
Polishing mode	UPC/APC	
Cable fixing type	Cable fixing buckle/ screwing-up knob	
Fiber diameter (um)	125	
Tight buffered coating diameter(um)	9.0±0.3μm	
Coating diameter (um)	250	
Insertion loss(dB)	≤0.4(including adaptor)	
Return loss(dB)	-40°C to 85°C : > 45	
Succession reliability	Max loss increases 0.2dB after 500times using(insertion and drawing)	
Tensile force(N)	≥10N	
Working temperature(°C)	-40°C~85°C	
Humidity	≤95%(+40°C)	



**Part Number**    **Description**

**F2H-FAOC-SC-E001**    **Field Assembly Connector,SC/UPC, Preset Fiber with Matching Fluid, Buckle Type**



**Part Number**    **Description**

**F2H-FAOC-SC-A001**    **Field Assembly Connector,SC/APC, Preset Fiber with Matching Fluid, Buckle Type**



**Part Number**    **Description**

**F2H-FAOC-SC-E002**    **Field Assembly Connector,SC/UPC, Preset Fiber with Matching Fluid, Screwing Type**



**Part Number**    **Description**

**F2H-FAOC-SC-A002**    **Field Assembly Connector,SC/APC, Preset Fiber with Matching Fluid, Screwing Type**