

TECHNICAL SPECIFICATION

Mechanical Field-Mountable Optical Fiber Connector (SC/APC)



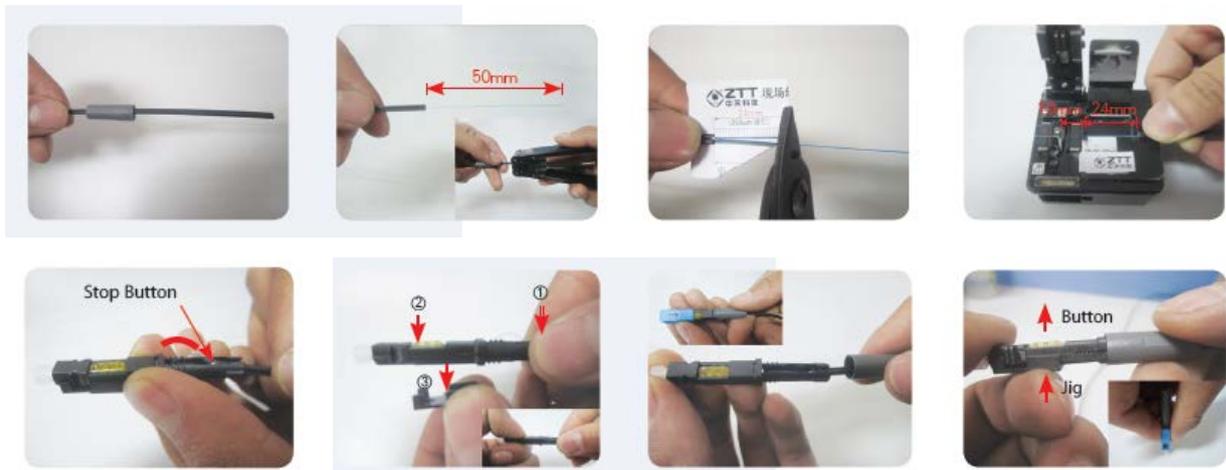
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1. Mechanical Field-Mountable Optical Fiber Connectors(SC/APC)

1.1.General properties



1.2.Application

- Connect the FTTH indoor cable (flat drop cable).

1.3.Feature

- Connect FTTH indoor cable directly, saving one pigtail and heat-shrinkable tube.
- Save the retaining fiber.
- Small and smart, has no special requirement on box size.
- Passive connector, energy saving.
- Do not need special kits, such as cutting knife. Miller pliers and other simple kits are enough.
- The holder can work as localizer, no need separator and coating peel off kit.
- Easy operation, do not need special training.
- Employ embedded fiber structure; the core part can be reused.

1.4.Technical characteristic

- Insert loss ≤ 0.5 dB(max)
- Return loss ≥ 55 dB(APC)
- Insertion Longevity > 500 times

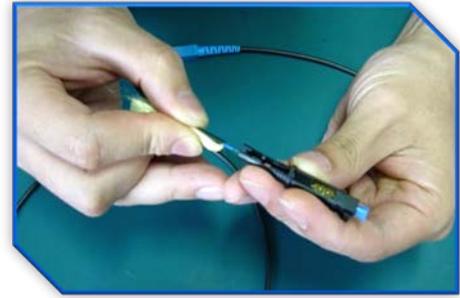
Technical Data for Field Assembly Connector

No.	Item	Content	Offered
1	Application scope	Cable	Fiber: G.657; Cable: (K)FRP 2.0x3.0mm drop cable;
2		Type	SC/APC
3	Applicable mode		Single mode
4	Temperature	Usage temperature (°C)	-40°C~+75°C
5	Optical property	Insert loss (dB)	≤0.5dB(max)
6		Return loss (dB)	≥55dB (APC)
7	Tensile strength (N)		>30N (2 min)
8	Others	Average operation time (S) (Not including fiber peeling and cleaning)	≤30s
9		1、 Operation steps (1,2,3) . 2、 Special auxiliary tools supplying methods: charge/free	Fast operation, no need special auxiliary tools. Operation steps: 1. Use wire stripper to peel off cable's sheath; 2.Put the stripped cable into the connector chucking appliance; use miller pliers to peel the coating of the spare fiber; 3. Cut fiber with cutting knife; 4. Put the cut-off fiber into connector, fasten the hook and put on the SC cover. The common auxiliary tools: miller pliers, diagonal pliers.
10		Operation training: free/charge	Free
11	Special tools: free/charge	/	

Note: 1. Special auxiliary tools not including fiber cutter and wire stripper.

2. For 2.0x5.0mm Figure-8 Drop Cable, the messenger wire should be peeled off before the assembly.
(The dimension is about 2*3.0mm after peeling off the messenger).

2. Application



3. Tools:



Fiber-cutting Tool(Integrated optical fiber cutting and length fixed function)



(Fiber length fixed device, standby)

The Tools number of one plastic bag	
Fiber-cutting Tool	1
Fiber length fixed device	1
Connector	50