

FTTH Fast Connector SC/APC B Type Length: 55mm/52mm/50mm

The Fast Connector (Field Assembly Connector or Field terminated fiber connector, quickly assembly Fiber connector) is a revolutionary field installable optical fiber connector . The unique design of the patented mechanical splice body incorporates a factory-mounted fiber stub and a pre-polished ceramic ferrule. Using this on-site assembly optical connector, it is possible to improve the flexibility of optical wiring design as well as reducing the time required for fiber termination. The Fast connector series are already a popular solution for optical wiring inside buildings and floors for LAN & CCTV applications and FTTH.



Feature

- precise mechanical dimensions
- low insertion loss, high return loss
- comply standard of IEC61754-4
- ROHS compliant

Application

- Connections at the desk for LAN environments
- Patch panels
- Direct equipment termination
- Fiber to the Subscriber (FTTH) applications
- Repair/replacement requirements
- Equipment test leads

Technical specification

Parameters	Technical Parameters
Applicable for	Drop cable / Indoor cable 0.9mm Tight Buffer Fiber, 2.0mm, 3.0mm Drop Cable
Tight buffer diameter	250 μ m
Fiber mode	Single mode
Operation time	About 100s(no fiber cut)
Insert loss	≤ 0.3 dB(1310nm & 1550nm)
Return loss	> 50 db(UPC), > 55 db(APC)
Tensile strength	≥ 50 N
Using temperature	-45 $^{\circ}$ C~+75 $^{\circ}$ C
Matching Gell	FIS USA
Working Life	10 Years

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Install Manual: (All items have corresponding install manual)

Quick Assembly Connector (SC)

Fibre Quick Optic Connector Manual

Thank you for purchasing and using this product. In order to use this product correctly, be sure to read the instructions before using. If you have any problems, please contact us.

Operation Size



Note: Cut position as showed in the picture.

Manipulation Tools



Product Content



Analysis Specification

Product Item	SC/Fibre Quick Optic Connector
Insertion Loss	$\le 0.30\text{dB}$ (Max 0.5dB)
Return Loss	>60dB (UPC); >60dB (APC)
Model	SC/APC, SC/UPC
Optical Fibre	2.0x3.0mm Butterfly Fibre Optical Cable
Pull	>3.0kg
Temp. Change Rate	0.45dB/(-40°C ~ +75°C)
Temp.	-40°C ~ +75°C

Steps Instruction

Note: The following steps must ensure that the products and fiber optic cleaning

1
Coupling Cap, Cover, Blind Cap, Locking Connector body
- Arrange for a FAOC to assemble

2
- Insert screw cap into optical cable

3
45mm
- Strip the coating of optical cable over 45mm

4
- Cut off the fiber at the length of 12mm using optical fiber cleaver

5
- Insert optical cable into the fiber guide on the boot. When it is checked the bending of cable as above, stop inserting.

6
- And maintain the cable bending with right hand, push the connecting holder forward to the end of the fiber.

7
- Insert opt turn the protrusion of housing toward the bottom and unite it to the body - Completion

Reopen

①
- Pull out the housing and then separate them by turning the screw cap

②
- Pull the fiber connecting holder in reverse with procedure. And then pull out the cable and reassemble

※If feel any issues in assembling, please contact us!

Packing: 10 pcs in plastic box, 100pcs in small Box, 2000Pcs/carton

