



TECHNICAL DATA SHEET
FOR
OPTICAL FIBER FAST CONNECTORS
(A TYPE)

Product: Optical Fiber Fast Connectors

Date: JUNE 4, 2019

Authorized by:

Sales Engineer

International Business Dept.

SC/UPC



SC/APC



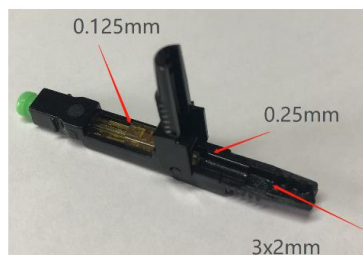
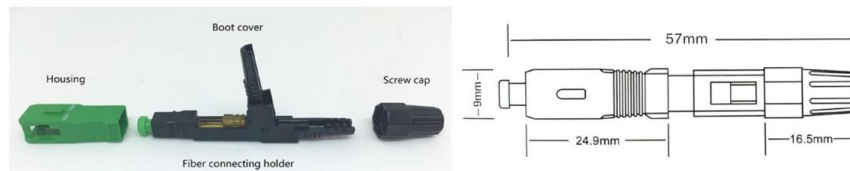
Description

Mechanical connectors make fiber terminations quick, easy and reliable. These fiber optic connectors offer terminations without any hassles and require no epoxy, no polishing, no splicing, no heating and can achieve similar excellent transmission parameters as standard polishing and splicing technology. It is user friendly with directional hole in funnel shape (bright color). Our connector can greatly reduce the assembly and set up time. The pre-polished connectors are mainly applied to FTTH cable in FTTH projects, directly in the end user site.

Features

- ✧ Low insertion loss
- ✧ High quality Zirconia Ceramic Ferrule
- ✧ Ease of installation
- ✧ Low cost & Reliability
- ✧ Ease of use
- ✧ Low environmental sensitivity
- ✧ High return loss (low amounts of reflection at the interface)

Structure





Specification

Item	Singemode(UPC)	Singemode(APC)	Multimode
Insertion loss	≤ 0.3dB	≤ 0.3dB	≤ 0.25dB
Return loss	≥45dB	≥50dB	≥30dB
Durability	≤ 0.2dB typical change, 1000 times mating		
Operating Temperature	-10 to +65 C degree		
Radius of curvature	5~25 (mm)	5~12 (mm)	-
Apex offset	<50 (um)	<50 (um)	-
Fiber height	-100 ~ +100 (nm)	-100 ~ +100 (nm)	-
Reusing	≥ 5 times with same loss performance		
Fiber tensil	≥ 20N		
Relative Humidity	≤ 95%		
Ferrule Hole Sizes	125.0+1/-0 μm, concentricity:≤1.0 μm	125.0+1/-0 μm, concentricity:≤0.5 μm	127.0 μm, concentricity: ≤3.0 μm
	125.5+1/-0 μm, concentricity:≤1.0 μm	125.5+1/-0 μm, concentricity:≤0.5 μm	-
	126.0+1/-0 μm, concentricity:≤1.0 μm	126.0+1/-0 μm, concentricity:≤0.5 μm	-
Standard	Compliant with TIA/EIA 604-3(SC)		

Package &delivery (Can be customized)

The package will be packed according to standard export requirements, customer satisfaction is our target.

Label printing : Vendor’s logo, type, serial number are available on the case

Inner packing: 10pcs in a blister box

Outer packing: 100pcs in one box, 10 box in one carton,the carton will be packed with sack, well protect carton from dust and wet.



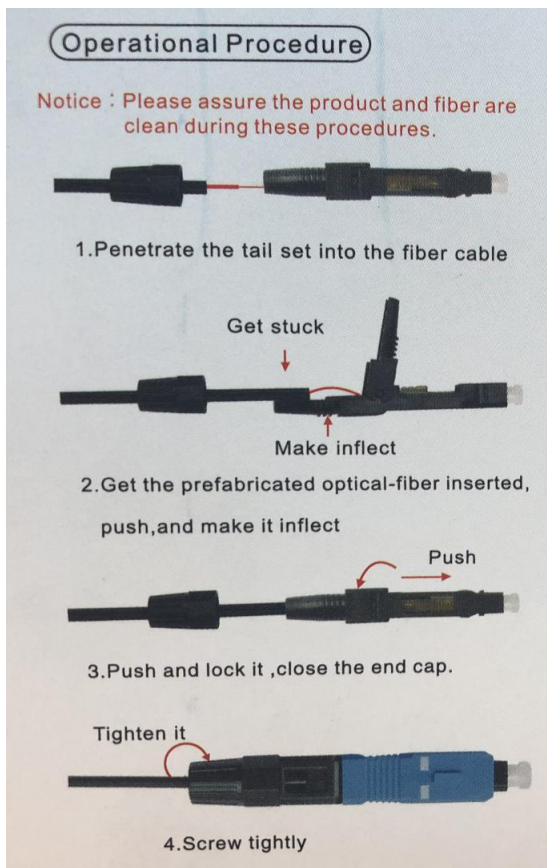
Size:1000 pcs 43*32*13--- 5kg

Applications

- ◇ CATV & FTTH
- ◇ Telecommunication networks
- ◇ Local area networks (LAN)
- ◇ Wide area networks (WAN)
- ◇ Premise installations
- ◇ Data processing networks
- ◇ Video and military active device termination
- ◇ Optical Distribution Frame
- ◇ Optical Network Equipments

Advantage-- Miracle tool----Advanced ruler(Patent design)

*Not only a easy ruler, but also can be used as the miller clamp, peel the fiber coating together. You dont need to use the another miller clamp again.



Tools set

