

Field Installable Connector

SC UPC/APC

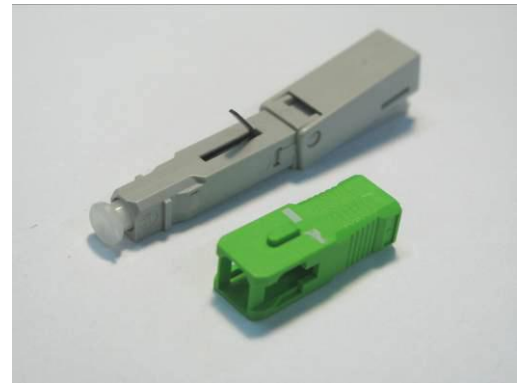
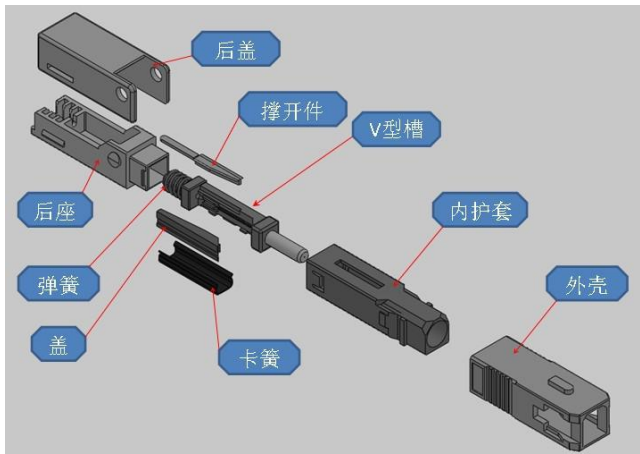
Overview

LongXing Fast fiber connector is used for field-installable optical fiber connector, widely used in Fiber To The Home (FTTH) access optical networks, not only for single-mode or multimode fiber, and can also choose to 900um, 3 mm and the introduction of cable buffered type. With fast installation time and low insertion loss, the connector system provides a good alternative to fusion splicing. Installation is as easy as strip, clean, cleave cam and crimp.

Features

- Compatible with standard SC connectors;
- Field installable, cost effective, user friendly;
- UPC, APC polishing optional;
- Reliable durable and superior optical performance
- Low insertion loss and high return loss
- Stable capability and high reliability
- Excellent mechanical capability

Inner Structure



SC APC



SC UPC

Technical Specifications

Plug Type	SC/UPC	SC/APC
Connector Length	51mm	51mm
Optical Fiber	2mm*3mm Butterfly Type	2mm*3mm Butterfly Type
Insertion Loss	Average $\leq 0.25\text{dB}$, Max $\leq 0.5\text{dB}$	Average $\leq 0.4\text{dB}$, Max $\leq 0.6\text{dB}$
Return Loss	$\geq 50\text{dB}$	$\geq 60\text{dB}$
Thermal Shock		$\leq 0.30\text{dB}$
Storage / Operating Temperature		$-40 \sim +80$
Tensile Strength		$\geq 30\text{ N}$
Average Assembly Time		≤ 2 minutes
Assembly Repeatability		≥ 5 times
One-Time Assembly Yield		$\geq 98\%$

