

SC/APC fast connectors



Description

Fiber Optic Fast Connector designed for FTTH is a new generation of fiber connector used in assembly.

It can provide Open flow and Precast type of products, whose optical and mechanical specification meets the standard optical fiber connector.

It is designed for high quality and high efficiency for installation. the structure of crimping position is a unique design,

and need not gluing, polishing neither any consumables. adopted fiber preinstalled structure, and convenient for field installation.

Features

1. Easy to operate can save time
2. 100% qualified, reduce the maintenance cost.
3. Easy to assembling with mechanical splice and no polishing
4. High stability ,low insertion loss ,high return loss

Technical

Parameters

ITEM	Technical Parameters
Application	FTTH indoor&outdoor
Optical fiber diameter	125 μ m (657A & 657B)
Tight buffer diameter	250 μ m
Fiber mode	Single mode
Operation time	About 100s(no fiber cut)
Insertion loss	≤ 0.2 dB(1310nm & 1550nm)
Return loss	≤ -50 dB
Fastening strength of naked fiber	>5 N
Fastening strength of naked fiber holder	>10 N
Tensile strength	>50 N
On-line tensile strength (20 N)	$\Delta IL \leq 0.5$ dB $\Delta RL \leq 5$ dB
Mechanical durability (500 times)	$\Delta IL \leq 0.5$ dB $\Delta RL \leq 5$ dB
Drop-off test (drop-off height 4m, once per direction, totally 3 times)	$\Delta IL \leq 0.5$ dB $\Delta RL \leq 5$ dB
Using temperature	-40~+75°C

Application

- 1) CATV & FTTH
- 2) Telecommunication networks
- 3) Local area networks (LAN)
- 4) Wide area networks (WAN)
- 5) Premise installations
- 6) Data processing networks
- 7) Video and military active device termination
- 8) Optical Distribution Frame
- 9) Optical Network Equipments

Installation

