

Model: NF-FSC



+ Description

- The Fast Connector (Field Assembly Connector or Field terminated fiber connector, quickly assembly Fiber connector) is a revolutionary field installable optical fiber connector that requires no epoxy and no polishing. The unique design of the patented mechanical splice body incorporates a factory-mounted fiber stub and a pre-polished ceramic ferrule.
- The Fast connectors have a potential fiber connector station time of less than 30 seconds, including preparation. Apart from the standard fiber preparation tools, no other specialized tools are required in conjunction with the PC range of connectors; however APC variants require some additional tooling.
- Using this onsite 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 with the expansion of FTTH, is already proving itself.
- Our Fast Connector series connectors are now available in FC, SC variants, catering for 250um to 900um diameter single mode and multimode fiber types, including Multi-mode 62.5/125um and Multi-mode 50/125um.

+ Features

- Quick assembly connector for cables with a diameter of 3 mm or optional
- SC/UPC or SC/APC connector for single-mode fibers
- Typical installation time: about 30 seconds with synchronous components to local and cut fiber
- low loss: 0.3 dB

Specifications

Applicable for	3.1 x2.0mm drop cable or 3.0 /2.0mm cable
Optical fiber diameter	Φ125um
Tight buffer diameter	Φ250um
Fiber mode	Single mode
Operation time	About 10s (exclude fiber cut)
Insert loss	≤0.3 dB (1310nm & 1550nm)
Return loss	≤-40dB(SC/UPC), ≤-55dB(SC/APC)
Fastening strength of naked fiber	>5N
Tight clamping force cladding	>8N
Tensile strength	>50N
Using temperature	-45°C ~ +80°C
On-line tensile strength(20N)	ΔIL≤0.2dB ΔRL≤5dB
Mechanical durability(500 times)	ΔIL≤0.2dB ΔRL≤5dB
Drop-off test(height 4m,once per direction,totally 3 times)	ΔIL≤0.2dB ΔRL≤5dB

Components

