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## FTTH Fast Connector and Mechanical Splicer

Item Code:STFC-FC

### Fiber Optic Fast Connector FC



We are China leading manufacturer for Fiber Optic Fast Connector FC,Field Assembly Connector,and also other FTTH Fast Connection Elements.

#### Features:

- Application for FTTH fast connection,for FTTH drop cable as mechanical splice using few tool.
- Field assemble; Use few tool; Easy to operate; Only need less than one minute for installation.
- The whole progress can be visualized. Optic fiber run in controlled range. Successful

rate can reach the limit value 100%.

- Can make the patch cord at any length on site, and no need to adhesive and Polish.
- No need to hot melt and save the power supplies. With excellent optical properties, it can be installed repeated over 10 times.

#### Technical Specifications:

Applicable for	φ2mm/φ3mm Indoor cable
Optical fiber diameter	125μm ( 652 & 657 )
Tight buffer diameter (μm )	900μm
Fiber mode	Single & multi mode
Operation time	About 120s ( no fiber cut )
Insert loss	≤ 0.3dB ( 1310nm & 1550nm )
Return loss	≤ -40dB
Fastening strength of naked fiber	>5 N
Fastening strength of naked fiber holder	>10 N
Tensile strength	>50 N
Using temperature	-40~+75°C
On-line tensile strength (20 N)	IL ≤ 0.2dB RL ≤ 5dB
Mechanical durability (500 times)	IL ≤ 0.2dB RL ≤ 5dB
Drop-off test (drop-off height 4m, once per direction, totally 3 times)	IL ≤ 0.2dB RL ≤ 5dB