



Better FTTx, Better Life.



October,2025

Technical Information

FCST-FMC14

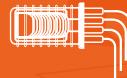
No Polish Jacketed SC/APC Connector

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No Polish Jacketed SC/APC Connector

Fast connector terminates the end of an optical fiber, and enables quicker connection and disconnection than splicing. The connectors mechanically couple and align the cores of fibers so light can pass. Better connectors lose very little light due to reflection or misalignment of the fibers.

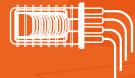


- Telcordia style boots.
- UL-rated plastic housing.
- Free-floating ceramic ferrule.
- Ferrule end surface predomed.
- Low insertion loss and back reflection loss.
- Precision anti-rotation key and corrosion resistant body .



Product Specifications

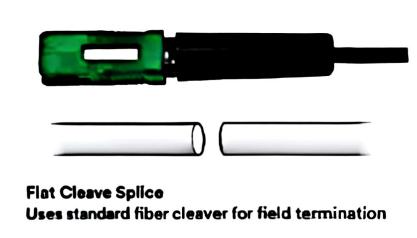
Construction	Description
Connector Type	SC
Polishing	APC
Ferrule	Ceramic
Cable Diametres	1.6/2.0/3.0mm
Insertion Loss	≤0.35dB
Return Loss	≥50dB
Tension Test	1.6mm 10N,2.0mm 20N,3.0mm 50N
Storage Temperature	-40 to 85°C
Operating Temperature	-40 to 85°C



Optical Fiber Cutting Method

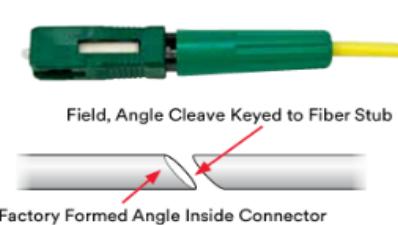
Flat Splice Connectors

excellent performance for digital transmission networks that require a SC/APC termination, such as an Optical Network Terminal that is pre-installed with an SC/APC interface. SC/APC flat splice connectors provide acceptable analog video performance for indoor applications since the flat splice has a typical refection of -55 dB for room temperatures.

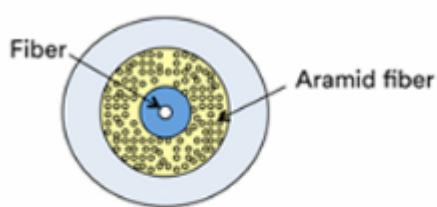


Angle Splice Connectors

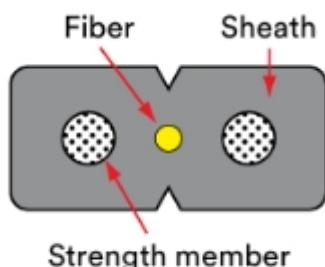
angle splice connectors are specifically designed for analog video transmission with very low optical refection of <-60 dB across temperature extremes. Based upon laboratory testing, keying of the angle cleaves is important for optical reflection performance.



Applicable for Cable type



Cross-sectional view of kink resistant cable
(1.6, 2.0, 3.0 mm diameter)



Cross-sectional view of drop cable
(1.6 mm x 2.0 mm, 2.0 mm x 3.0 mm)



Ordering Information

FCST-FMC14--

A

A- Cable Diametres Type

- A1 1.6mm
- A2 2.0mm
- A3 3.0mm

*Note: The specified model is determined based on optional configurations. For example: FCST012255--A1.

Related Products



Optical Adaptor



Standard Fiber Patch Cables



PLC Splitter

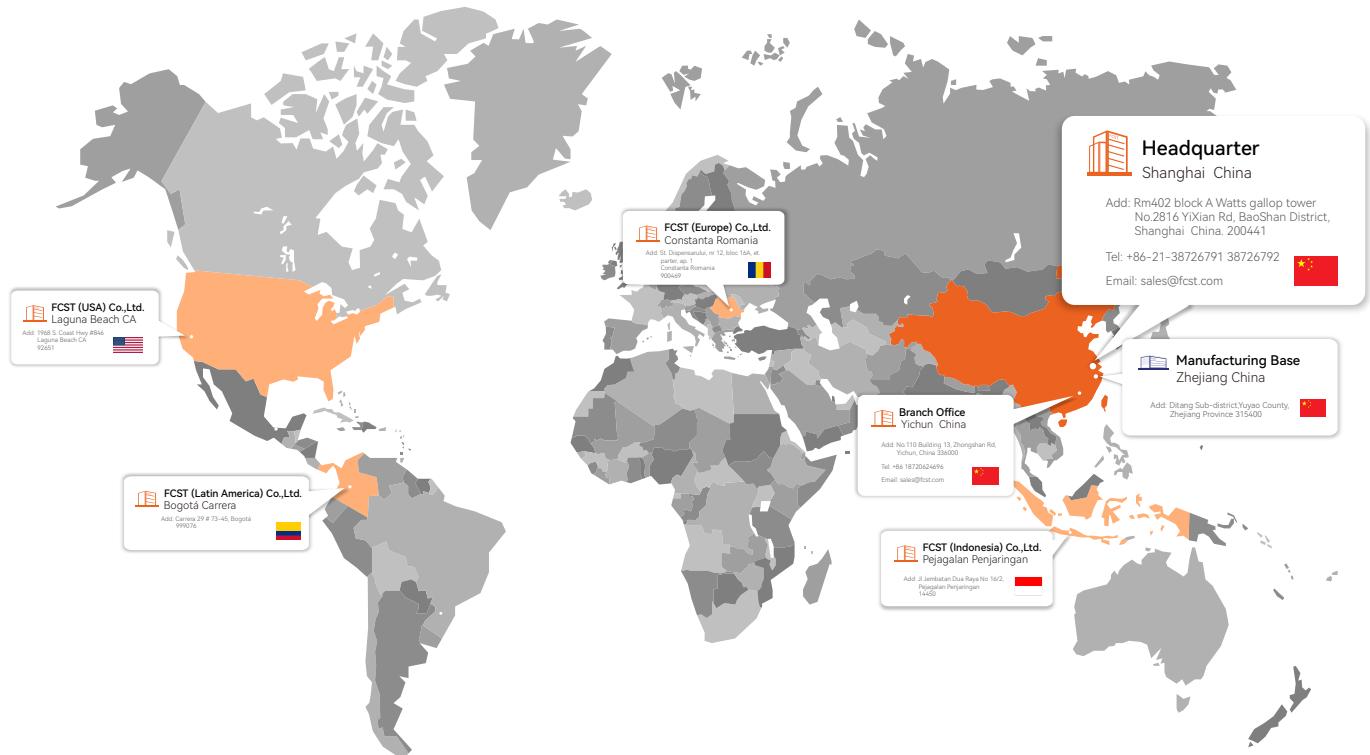


Fiber Access Terminal



Better FTTx, Better Life.

Fiber Cable Solution Technology Co.,Ltd.



FCST – Better FTTx, Better Life.

At FCST, we manufacture top-quality microduct connectors, microduct closure, telecom manhole chambers and fiber splice boxes since 2003. Our products boast superior resistance to failure, corrosion, and deposits, and are designed for high performance in extreme temperatures. We prioritize sustainability with mechanical couplers and long-lasting durability.

FCST aspires to a more connected world, believing everyone deserves access to high-speed broadband. We're dedicated to expanding globally, evolving our products, and tackling modern challenges with innovative solutions. As technology advances and connects billions more devices, FCST helps developing regions leapfrog outdated technologies with sustainable solutions, evolving from a small company to a global leader in future fiber cable needs.

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