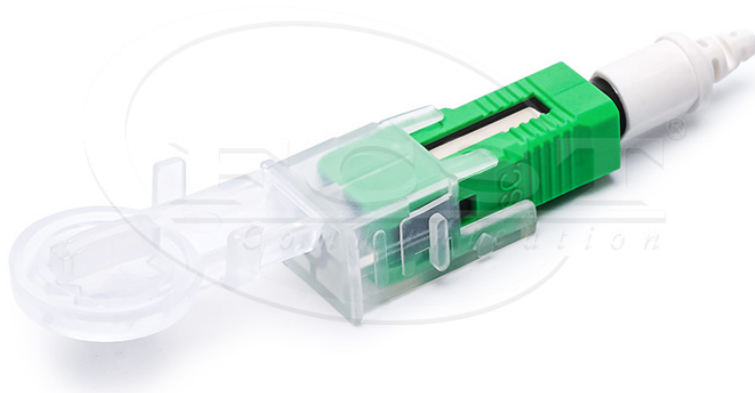




Better FTTx, Better Life.



December, 2025

Technical Information

FCST-FMC16

Metal V-groove Fast Connector

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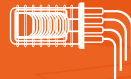
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Metal V-groove Fast Connector

With the FCST-FMC16 Field Assembly Connector Metal V-Slot Groove, single fiber termination in the field may be completed quickly and easily without the need for polishing or glue. It has excellent Zirconia ferrules and a finely made metal V-groove that guarantee a very reliable connection for a variety of network applications.

Due to its small size and availability of 250um and 900um fiber singlemode options, it is also perfect for applications where space is limited. This connector offers network professionals and installers a cost-effective solution that allows them to simplify operations and lessen workload on-site thanks to its reliable performance and simple installation.

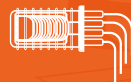


- Offers an easy-to-deploy fiber solution.
- Requires no special tools for installation.
- Pre-stubble with machine polishing ferrules.
- Has a reusable termination capability of up to 10 times.
- Features a precision metal V-groove and high-quality Zirconia ferrules.
- Boasts a high success rate of connections with low insertion and back reflection.
- Provides quick and easy fiber termination without the need for polishing or epoxy.
- Comes in both 250µm and 900µm fiber singlemode options for installation flexibility.



Product Specifications

Construction	Description
Cable Diameters	250µm/900µm
Plug Type	SC/APC (total length of 52mm)
Diameter of Fiber	9/125µm
Fiber Mode	SM
IL	Typical≤ 0.20dB, Max≤ 0.40dB
RL	UPC ≤50dB, APC ≤60dB
Tension Test	5N
Operating Temperature	-20°C~+75°C
Storage Temperature	-40°C~+85°C
Reusable	10times
Every Small Bag (pcs)	10
Packing	1000pcs/cnt 15.5kg 0.015CBM(0.44*0.365*0.28m)



Product Structure



Related Products



Optical Adaptor



Standard Fiber Patch Cables



PLC Splitter

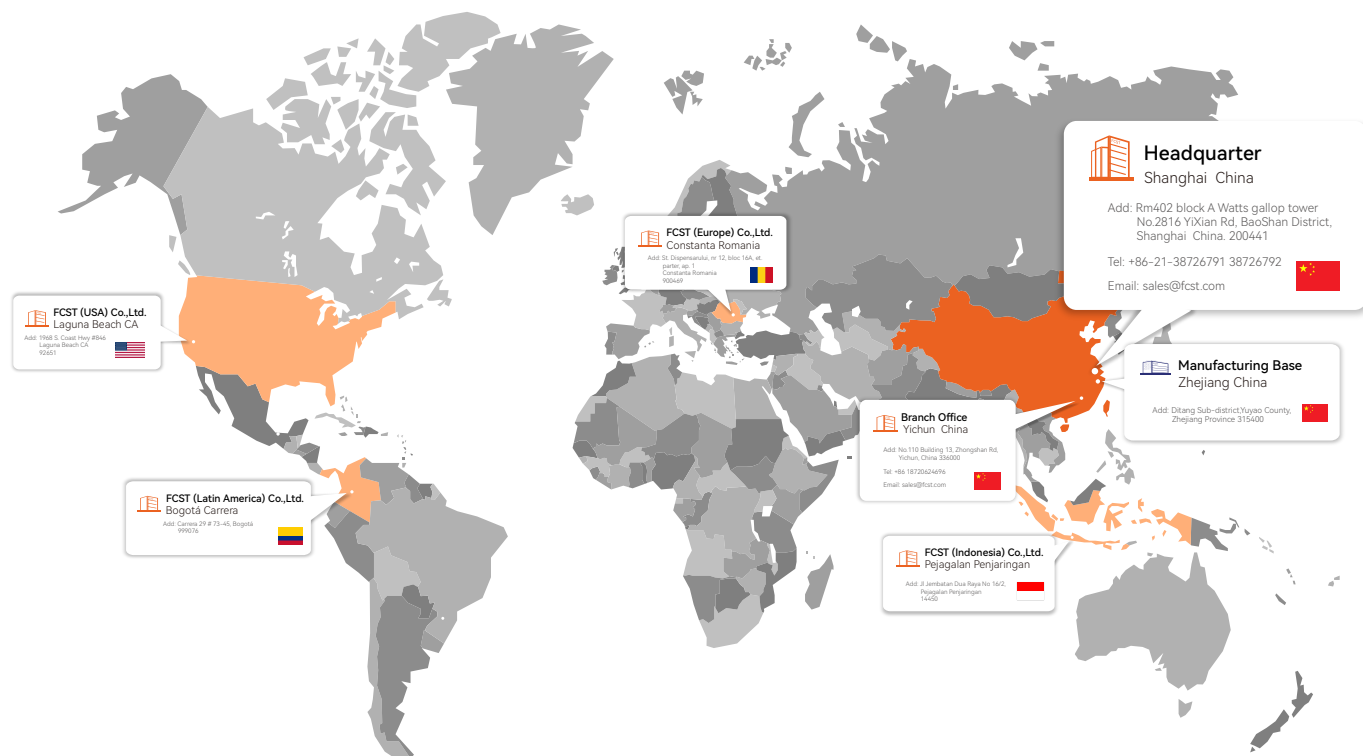


Fiber Access Terminal



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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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