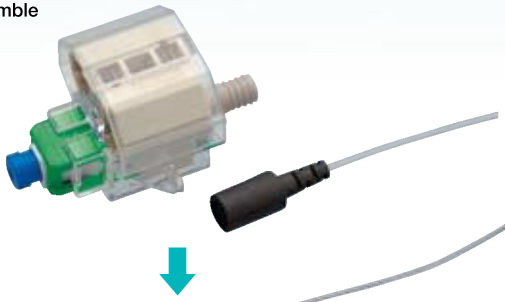


## FAST-Connector

## FAST-Connector (UNI) Series (for 250um, 900um fiber)

Before Assemble



After Assemble



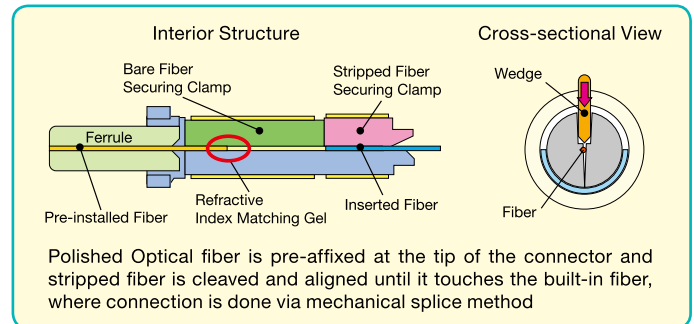
Fujikura has greatly simplified process of joining two fibers, therefore providing significant support for our customers in the construction of FTTH network. Fujikura FAST connector is a series of field-installable connectors, which require no polishing. Unlike conventional field-installable connectors, FAST connector series do not employ assembling tool but incorporate its own pre-assembled wedge launcher. The pre-assembled wedge launcher is a disposal part after installing fiber. Fujikura FAST connector uses a mechanism of "Push-pull-wedge", which has been introduced by Fujikura's Mechanical Splices. As the "Push-pull-wedge" mechanism achieves clamping both bare fiber part and coating part, this clamping mechanism enhances strength against fiber twist.

## Features

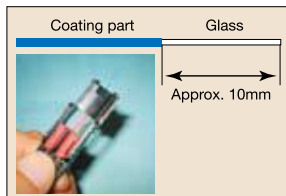
FAST-SC-UNI, FAST-LC-UNI has own design to clamp 250um and 900um coated fibers. Both are fully compatible with the standard SC, LC connectors and demonstrate the performance combining SC, LC connectors and Mechanical Splices.

## Specification

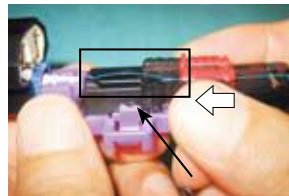
Item	Content
Applicable fiber diameter	240 ~ 265 um (for 250um fiber), 850 ~ 950 um (for 900um fiber)
Fiber Polishing Method	UPC Polish, APC Polish
Connection Loss (wrt master)	< 0.5dB (Singlemode)
	< 0.6dB (Singlemode APC Polish)
	< 0.4dB (Multimode)
Return Loss	> 45dB (SM fiber UPC polish)
	> 65dB (SM fiber APC polish / When use with Angled cleaver)
	> 50dB (SM fiber APC polish / When use with Flat cleaver)
Working temperature	-40°C ~ 75 °C (for 250um fiber)
	Base on fiber spec (for 900um fiber)



## Assembly Flow



1. Prepare fiber



2. Insert fiber into connector body and confirm fiber bend



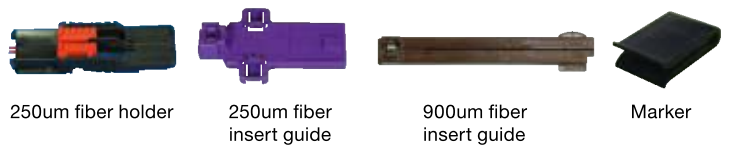
3. Remove connector unit from the wedge launcher



4. Insert the boots

## Package Information

- 250um Fiber holder : 1pc/10connectors
- 250um Fiber insert guide : 1pc/10connectors
- 900um Fiber Holder : Order separately
- 1pc of spacer/10connectors
- 1pc of marker/10 connectors (only for APC connector with angled fiber cleave)



## Ordering Information

Type	Product Code		
	FAST-SC	FAST-LC	FAST-ST
Singlemode UPC Polish	FAST-SC-SM-UNI/00-BL/BK	FAST-LC-SM-UNI/00-BL/BK	FAST-ST-SM-UNI/00-BL/BK
Singlemode APC Polish	FAST-SC-APC-SM-UNI/00	FAST-LC-APC-SM-UNI/00	-
50/125 Multimode	FAST-SC-GI5-UNI/00-BK/BK	FAST-LC-GI5-UNI/00-BK/BK	FAST-ST-GI5-UNI/00-BK/BK
62.5/125 Multimode	FAST-SC-GI6-UNI/00-BG/BK	FAST-LC-GI6-UNI/00-BG/BK	FAST-ST-GI6-UNI/00-BG/BK
MM10G	FAST-SC-10G-UNI/00-AQ/BK	FAST-LC-10G-UNI/00-AQ/BK	FAST-ST-10G-UNI/00-AQ/BK

Interface-APC connector with flat fiber cleave available upon request.