





**Manufacturer:**  
AFL

**Product Name:**  
AFL Singlemode/Multimode FAST Connector Termination Kit

**Manufacturer Part Number:**  
CS001201



[Learn More](#)

▶ [Click here for more details on the AFL Singlemode/Multimode FAST Connector Termination Kit](#)



## Optical Connectivity



Tool Kit Contents

### FASTConnect® Universal Tool Kit *Now available with the CT50 or CT16 Cleaver!*

The FASTConnect Universal Tool Kits provide all the necessary installation tools required for fiber preparation of 250  $\mu$ m or 900  $\mu$ m fibers, or 900  $\mu$ m, 2 mm or 3 mm cordage for AFL's pre-polished FASTConnect. Featuring either the CT50 or CT16 fiber cleaver, the FASTConnect Universal Tool Kit contains all the industry standard termination tools required for fiber preparation. Additionally, the carrying case has adequate storage for extra FASTConnects for on-site convenience.

#### Kit Features

- Industry standard fiber preparation tools
- Compact design, flexible yet rugged case
- Complete instructions provided

#### Applications

- Premise environments
- LAN Fiber to the Desk environments
- Patch panel/wiring closets
- FTTx applications
- Quick repair/replacement areas



CT50 Cleaver

#### Ordering Information

DESCRIPTION	AFL NO.
FASTConnect High Precision Tool Kit with CT50 Cleaver	CS001201

Tool Kits include: Cleaver, FAST Assembly Tool, 3 mm Cable Clamp, 2 mm Cable Clamp, 0.25/0.9 mm Cable Clamp, Fiber Stripper, Kevlar Scissors, Fiber Preparation Fluid, Lint-free Cloth Wipes, Marker Pen, Installation Instructions, Strip Length Template and a Carrying Case.

#### CT50 Cleaver Features

- Motorized blade rotation
- Bluetooth communication
- Shock resistant
- Simple one-step operation
- 60,000 cleave blade life
- Field serviceable

#### CT16 Cleaver Features

- Dual fiber adapter plate for single or two fiber cleaving
- Ambidextrous operation available
- Field replaceable fiber clamp pads and cleaver blade
- Shock resistant for drops up to 30" in any of six different orientations
- Compact form factor and tool-less blade rotations



CT16 Cleaver

[>> Return to Page 1](#)

**Contact the professionals at Fiber Optic Center for a quote or to get more details.**

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23 Centre Street • New Bedford, MA 02740 USA

*Product specifications and data are subject to change without notice.*



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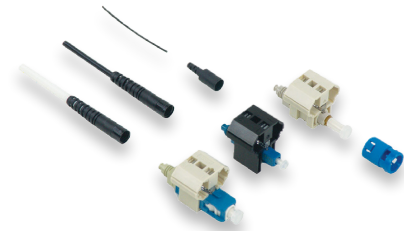
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## FASTConnect® Field-Installable Connectors

FASTConnect are factory pre-polished, field-installable connectors that completely eliminate the need for hand polishing in the field. Proven mechanical splice technology ensuring precision fiber alignment, a factory pre-cleaved fiber stub and a proprietary index-matching gel combine to offer an immediate low loss termination to either single-mode or multimode optical fibers. FASTConnect are compatible with 250 µm and 900 µm optical fibers, as well as 4.8 mm (SC only) cordage.

All primary fiber types are supported, and each connector is color coded per industry standard requirements to aide in identification during and after installation. A factory-installed wedge clip (included with each connector) is removed and discarded upon completion of the termination. Incorporated into this device is an innovative, translucent wedge enabling the use of a common VFI to provide a "pass/fail" signal once physical contact is achieved.



### Features

- No epoxy, no Polish
- Low insertion loss
- Fiber can be reinserted up to three times
- 4.8 mm (SC only) cordage compatibility
- VFI accessory to confirm proper installation

### Applications

- Premise/Enterprise Networks
- LAN/WAN Connections
- Patch Panels
- Equipment Termination
- FTTx Applications
- Field Repair/Replacement
- Equipment Test Leads

### Specifications

Parameter	Type	Value
Insertion Loss:	Single-mode - UPC	Average: 0.2 dB, Maximum: 0.5 dB
	Single-mode - APC	Average: 0.3 dB, Maximum: 0.6 dB
	Multimode - PC	Average: 0.1 dB, Maximum: 0.5 dB
Return Loss at Room Temperature	Single-mode - UPC	Average: -50 dB, Maximum: -45 dB
	Single-mode - APC	Average: -55 dB, Maximum: -50 dB
	Multimode	Average: -25 dB, Maximum: -20 dB

[>> Return to Page 1](#)

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# FASTConnect® Field-Installable Connectors

## Ordering Information

Fiber Type	Housing Color	Cable Size	AFL No.	
			Package of 6	Package of 100
FASTConnect SC				
Multimode 62.5/125 µm, OM1	Beige	900 µm	FAST-SC-MM62.5-6	FAST-SC-MM62.5-100
Multimode 50 µm LOMMF*	Aqua	900 µm	FAST-SC-MM50L-6	FAST-SC-MM50L-100
Single-mode, UPC	Blue	900 µm	FAST-SC-SM-6	FAST-SC-SM-100
Single-mode, APC	Green	900 µm	FAST-SC-SMAU-6	FAST-SC-SMAU-100
FASTConnect ST				
Multimode 62.5/125 µm, OM1	Beige	900 µm	FAST-ST-MM62.5-6	FAST-ST-MM62.5-100
Multimode 50 µm LOMMF*	Aqua	900 µm	FAST-ST-MM50L-6	FAST-ST-MM50L-100
Single-mode, UPC	Blue	900 µm	FAST-ST-SM-6	FAST-ST-SM-100
FASTConnect LC				
Multimode 62.5/125 µm, OM1	Beige	900 µm	FAST-LC-MM62.5-6	FAST-LC-MM62.5-100
Multimode 50 µm LOMMF*	Aqua	900 µm	FAST-LC-MM50L-6	FAST-LC-MM50L-100
Single-mode, UPC	Blue	900 µm	FAST-LC-SM-6	FAST-LC-SM-100
Single-mode, APC	Green	900 µm	FAST-LC-SMAU-6	

\* Laser Optimised MM Fiber (LOMMF) Compatible with OM2, OM3 and OM4 fibers.

## Accessories

<b>Tool Kits</b>	<b>AFL NO.</b>
FASTConnect High Precision Tool Kit with CT50 Cleaver	CS001201
<b>Visual Fault Identifiers</b>	<b>AFL NO.</b>
VFI4 visual fault identifier with 2.5 mm and 1.25 mm adapters	VFI4-01-0900PR

## Qualifications

Governing Body	Standard Code
EIA/TIA	568-C.3 604 (FOCIS)

## Patents

Country	Patent Number(s)
U.S.	5,963,699 5,984,532 6,179,482 7,003,208 7,258,496

## Temperature Specifications

Temperature Range	
Operating Temperature	-40°C to +75°C

>> [Return to Page 1](#)

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