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Manufacturer:
AFL
Product Name:
AFL CT60 Fiber Cleaver
Manufacturer Part Number:
S018654

► Click here for more details on the AFL CT60 Fiber Cleaver

CT60 Fiber Cleaver

The Fujikura CT60 Fiber Cleaver is engineered for precision and durability, offering motorized blade rotation and Bluetooth connectivity for seamless integration with compatible Fujikura splicers. Designed to support both single and ribbon fibers, it delivers consistent cleave quality with minimal maintenance and an impressive blade life.

One-handed Operation: Designed for ergonomic use, the CT60 supports one-handed operation with a simplified cleaving mechanism and a toggle button for flexible arm control.

Motorized Blade Rotation: The CT60 features fully automatic blade rotation, ensuring consistent cleave quality and extending blade life up to 60,000 cleaves.

Bluetooth Connectivity: Seamlessly integrates with compatible Fujikura fusion splicers via Bluetooth, enabling smart blade management and maintenance tracking directly through the splicer.

Dual Cleaving: Capable of cleaving two optical fibers simultaneously, the CT60 significantly improves efficiency for technicians working with ribbon or paired fibers.

Expanded Blade Positions: With 28 cleaving positions, the CT60 eliminates the need for blade height adjustments, allowing finer control and easier maintenance.

Easy Maintenance: The CT60 fiber cleaver has a user-replaceable blade, so there's no need to send the device to a service center for blade or clamp replacement.

Drop-Tested Durability: Engineered to withstand drops up to 30 inches, the CT60 sets a new standard for ruggedness in fiber cleavers, making it ideal for field use.

Active Blade Management Technology: Automatically advances blade positions based on cleave count or quality, ensuring optimal performance without manual intervention.

Versatile Fiber Compatibility: Supports single-mode and multimode fibers, including single and ribbon configurations up to 16 fibers, with a wide range of coating diameters and fiber holders.

Compact and Lightweight Design: With a palm-sized design and a weight of just 280 g (including battery), the CT60 is portable and easy to handle in any environment.

User-Replaceable Blade and Components: Simplified maintenance allows users to replace blades and clamps in the field, reducing downtime and service costs.

Features

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



SAFELY
DROP
FROM
30"

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.
FOC last update 2/2/2026.


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Specifications

Parameter	Value
Applicable Fiber	Fiber type
	Multimode optical fiber
	Single, up to 16 fibers
Applicable Coating	Cladding diameter
	Approx. 125 µm
	AD-60A: Max. 900 µm coating diameter maximum AD-60B: Max. 3 mm coating diameter maximum FH-50, FH-60, FH-70, FH-100 and FH-110 series
Cleave Length	Fiber plate
	AD-60A: ≤ 250 µm – 5 ~ 20 mm, 900 µm – 10 ~ 20 mm AD-60B: 3 mm Max – 14 ~ 20 mm
Cleave Angle	Fiber holder
	Approx. 10 mm
Blade Life	Single fiber
	Avg. 0.3 to 0.9 degrees
Physical description (lever closed)	Fiber ribbon
	Avg. 0.3 to 1.2 degrees
Environmental condition	Blade Life
	Approx. 60,000 fiber cleaves
	Dimensions W
	Approx. 113 mm
Physical description (lever closed)	Dimensions D
	Approx. 92 mm
Physical description (lever closed)	Dimensions H
	Approx. 54 mm
Environmental condition	Weight
	Approx. 293 g including battery and AD-60A
	Temperature
	Operate: -10°C to 50°C Storage: -40°C to 80°C
Environmental condition	Humidity
	Operate: 0 to 95%RH non-condensing Storage: 0 to 95%RH non-condensing
Other features	Battery
	2 ea. batteries LR03/AAA dry battery
	Wireless interface
Other features	Screw hole for tripod
	1/4-20UNC
	Blade rotation
Other features	Motorized rotation
	Manual rotation dial
Other features	Replaceable items
	Blade Clamp arm

Ordering Information

Description	Application	Fiber Handling System	Cleave Length	AFL No.
CT60	Single or Ribbon Fiber	AD-60A adapter plate for single fibers or fiber holders for ribbons	See Specifications table above	S018654
CT60 No Bluetooth	Single or Ribbon Fiber	AD-60A adapter plate for single fibers or fiber holders for ribbons	See Specifications table above	S018664

Accessories

Description	AFL No.
CB-10 Replacement Blade	S018683
FDB-08 Fiber Scrap Collector for CT-60 (Small size)	S018685
AD-60B Adapter Plate	S018682
SC-CT60-01 Side cover for CT-60	S018686
SPA-CT60-10 Cleave Length of 10 mm	S018687
SPA-CT60-09 Cleave Length of 9 mm	S018688
TS-04B tripod Screw For CT-60 Cleaver	S018691

Splice+ is a smartphone application that works in cooperation with Fujikura's splicers, cleavers and ribbon fiber strippers which have Bluetooth capability.

Get the **Splice+** app at the Apple App store or at Google Play.

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