

**Manufacturer:**

AFL

**Product Name:**

AFL FDB-08 Fiber Scrap Collector for CT60 Fiber Cleaver

**Manufacturer Part Number:**

S018685

► Click here for more details on the AFL FDB-08 Fiber Scrap Collector for 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



Bluetooth®



SAFELY  
DROP  
FROM  
30"

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

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Product specifications and data are subject to change without notice.  
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Learn More



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## CT60 Fiber Cleaver

### 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<br>AD-60B: Max. 3 mm coating diameter maximum |
| Cleave Length                       | Fiber plate  |
|                                     | FH-50, FH-60, FH-70, FH-100 and FH-110 series  |
| Cleave Angle                        | Fiber plate  |
|                                     | AD-60A: ≤ 250 µm – 5 ~ 20 mm, 900 µm – 10 ~ 20 mm<br>AD-60B: 3 mm Max – 14 ~ 20 mm         |
| Blade Life                          | Fiber holder   |
|                                     | Approx. 10 mm  |
| Physical description (lever closed) | 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   |
| Environmental condition             | Dimensions D   |
|                                     | Approx. 92 mm  |
| Environmental condition             | Dimensions H   |
|                                     | Approx. 54 mm  |
| Other features                      | Weight   |
|                                     | Approx. 293 g including battery and AD-60A   |
|                                     | Temperature  |
|                                     | Operate: -10°C to 50°C<br>Storage: -40°C to 80°C   |
| Battery                             | Humidity   |
|                                     | Operate: 0 to 95%RH non-condensing<br>Storage: 0 to 95%RH non-condensing                   |
| Wireless interface                  |  |
|                                     | 2 ea. batteries LR03/AAA dry battery   |
| Screw hole for tripod               |  |
|                                     | Bluetooth 5.2  |
| Other features                      | Blade rotation   |
|                                     | 1/4-20UNC  |
| Other features                      | Replaceable items  |
|                                     | Motorized rotation<br>Manual rotation dial   |
| Other features                      | 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.

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

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