

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 12, 2026

FUJIKURA

Fujikura CT-08 High Precision Fiber Cleaver

The Fujikura CT-08 is a high-precision fiber cleaver designed for accurate and consistent cleaving of optical fibers. It is suitable for use in various fiber optic applications, including telecommunications, data centers, and research laboratories.



MODEL

Fujikura CT-08

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

CT-08

LISTING

<https://aumictechlabs.com/products/ct-08-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Fujikura CT-08 is a high-precision single-fiber cleaver engineered for accurate, consistent cleaving of glass optical fibers across telecommunications, data centers, and research laboratory environments. This compact instrument delivers typical cleave angles of 0.5 degrees with a user-replaceable blade featuring 16 working positions and rated for approximately 48,000 total fiber cleaves. Tool-free blade rotation, user-replaceable fiber clamps, and a wide lever opening enable straightforward fiber placement and single-step cleaving operation with integrated fiber scrap collection. Technical Specifications Applicable Fiber Types: Single-mode optical fiber, multi-mode optical fiber, conventional silica optical fiber Fiber Configuration: Single fiber, 125 μm cladding diameter Coating Diameter Range: 160 μm to 900 μm (standard), 250 μm to 900 μm (with adapters) Cleave Length: 5 mm to 20 mm (with AD-50 adapter); 6 mm to 20 mm (250 μm coating); 10 mm to 20 mm (900 μm coating) Cleave Angle: Typical 0.5 degrees; average 0.3 to 0.9 degrees Blade Life: Approximately 48,000 cleaves per blade (1,000 fibers $\times$ 16 positions $\times$ 3 heights); 1,000 cleaves per position Dimensions: 110 mm (W) $\times$ 95 mm (D) $\times$ 45 mm (H) open; 120

mm (W) × 95 mm (D) × 58 mm (H) closed Weight: 185 g Operating Temperature: −10°C to +50°C
Operating Humidity: 0% to 95% RH (non-condensing) Storage Temperature: −40°C to +80°C
Storage Humidity: 0% to 95% RH (non-condensing) Drop Resistance: 76 cm all-direction drop
Dust Resistance: 0.1 to 500 µm diameter alumina silicate particles Rain Resistance: 10 mm/hr for 10
minutes Key Features Manual tool-free blade rotation via thumbwheel on unit base User-
replaceable blade and fiber clamps - no service center required Magnesium alloy construction for
high strength and dimensional stability 1/4-20 UNC tripod mount provision Manual/automatic
integrated fiber scrap collector Typical Applications Telecommunications infrastructure Data
center fiber termination Research laboratory fiber preparation Compatibility & Integration The CT-
08 accommodates single-mode and multi-mode conventional silica fibers with coating diameters
from 160 µm to 900 µm. The AD-50 adapter plate expands cleave length capability to 5 mm to 20
mm for non-standard configurations.

Features & description

From manufacturer datasheet

Technical Specifications

Applicable Fiber Types: Single-mode optical fiber, multi-mode optical fiber, conventional silica optical fiber
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User-replaceable blade and fiber clamps - no service center required
Magnesium alloy construction for high strength and dimensional stability
1/4-20 UNC tripod mount provision
Manual/automatic integrated fiber scrap collector

Fujikura CT-08 — Repair & Calibration Service

Aumictech offers NIST-traceable calibration and repair for the Fujikura CT-08. All calibrations are performed to NIST-traceable standards and ship with a certificate. Turnaround is typically 1–3 business days after receipt. Standard Cal Pass/fail cert + NIST sticker Cal with Data Full NIST cert with measured values
[Request Calibration](#) → [Request Repair Quote](#) →

Fujikura CT-08 price

This Fujikura CT-08 is listed at . Calibration is available separately from . Contact us for volume pricing or if you need multiple units.

Fujikura CT-08 calibration cost

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Applications

Telecommunications infrastructure Data center fiber termination Research laboratory fiber preparation

Unit notes

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Dust R

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Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

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Applications

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Data center fiber termination

Research laboratory fiber preparation

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.