

**Aumictech**

Test &amp; measurement • bought, sold, repaired, calibrated

**Data Sheet**

August 12, 2026

ERICSSON

## Ericsson EFC11-4 Fiber Cleaver

Ericsson EFC11-4 Fiber Cleaver, A precision fiber optic cleaving tool designed to prepare fiber ends with perfectly perpendicular cleaves prior to fusion splicing to ensure optimal splice quality and minimal signal loss.



MODEL

**Ericsson EFC11-4**

CALIBRATION

**Available on request**

CONDITION

**Used**

STATUS

**In stock**

RFQ / SKU

**EFC11-4**

LISTING

<https://aumictechlabs.com/products/efc11-4-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

### This unit

The Ericsson EFC11-4 Fiber Cleaver is a precision ultrasonic cleaving instrument engineered to produce mirror-quality fiber ends for fusion splicing applications. A diamond blade mounted to a resonant acoustic-stepped horn vibrates at ultrasonic frequencies, controlled by an integrated electronic circuit. This approach allows the blade to advance slowly toward tensioned fiber on low-friction bearings, eliminating compressive stress and blade intrusion. The result is consistently planar fiber ends with end-angle accuracy better than 1° - critical for low-loss splices across single-mode and multi-mode fiber types.

**Technical Specifications**

**Cleaving Technology:** Ultrasonic vibration with precision diamond blade and resonant acoustic-stepped horn

**Fiber Compatibility:** Single-mode and multi-mode optical fiber

**Fiber Diameter Range:** 80–200  $\mu\text{m}$

**Maximum Buffer Diameter:** 900  $\mu\text{m}$

**Cleave Length:** 6–18 mm

**End Angle Accuracy:** <1° typical; 20,000 cleaves

**Battery:** One 9 V alkaline (MN 1604 recommended)

**Battery Life:** ~10,000 cleaves

**Dimensions:** 150 × 150 × 68 mm

**Weight:** 1.2 kg

**Key Features**

- Electronically tuned ultrasonic action eliminates compressive stresses and blade intrusion
- Adjustable diamond blade extends service life by

rotating to fresh cutting edges Low-torsion clamps secure fiber without damage Constant axial tension applied via lever mechanism prior to cleaving Straightforward operation in laboratory and field environments Maintenance via alcohol cleaning only; avoid acetone and corrosive fluxes Typical Applications Telecommunications infrastructure, data center fiber termination, fiber optic research, and field splicing requiring precision end preparation and minimal signal loss. Compatibility & Integration Works with standard single-mode and multi-mode fiber. Powered by common 9 V alkaline batteries for portable deployment.

## Features & description

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From manufacturer datasheet

### Technical Specifications

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Compatibility & Integration  
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### Ericsson EFC11-4 — Repair & Calibration Service

Aumictech offers NIST-traceable calibration and repair for the Ericsson EFC11-4. 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 →

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### Ericsson EFC11-4 price

This Ericsson EFC11-4 is listed at . Calibration is available separately from . Contact us for volume pricing or if you need multiple units.

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### Ericsson EFC11-4 calibration cost

NIST-traceable calibration for the Ericsson EFC11-4 is (standard — pass/fail certificate and calibration sticker) or (full measured data at every test point, reference standards documented, traceability chain included). Turnaround is 1 to 3 business days after receipt. See full calibration details →

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### Unit notes

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electronic circuit. This approach allows the blade to advance slowly toward tensioned fiber on low-friction bearings, eliminating compressive stress and blade intrusion. The result is consistently planar fiber ends with end-angle accuracy better than  $1^\circ$  - critical for low-loss splices across single-mode and multi-mode fiber types.

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# EFC11-4 Specifications

| PARAMETER               | VALUE                                                                                      |
|-------------------------|--------------------------------------------------------------------------------------------|
| Voltage / Current Range | 9 V alkaline battery                                                                       |
| Cleaving Technology     | Ultrasonic vibration with precision diamond blade and resonant acoustic-stepped horn Fiber |

# 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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### Available from Aumictech

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

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

#### Aumictech

788 S 500 E, Pleasant Grove, UT 84062  
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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.