

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 12, 2026

ERICSSON

Ericsson Fiber FSU EFC11 ultrasonic fiber cleaver double grip

Ericsson Fiber FSU EFC11 ultrasonic fiber cleaver double grip, An advanced ultrasonic fiber cleaver featuring a dual-grip mechanism that produces clean, angled fiber end faces essential for achieving low-loss fusion splices in optical fiber networks.



MODEL

Ericsson EFC11

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

EFC11

LISTING

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

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Ericsson Fiber FSU EFC11 ultrasonic fiber cleaver with double grip produces precision, low-angle cleaves for fusion splicing in optical networks. Unlike conventional cleavers, this tool uses ultrasonic vibration of a precision diamond blade attached to a resonant acoustic horn, eliminating compressive stresses and blade intrusion. The result is superior end-face quality with minimal hackle and misting. The dual-grip mechanism maintains consistent fiber tension throughout the cleaving cycle, ensuring repeatable performance across laboratory and field deployments.

Technical Specifications

Cleaving Mechanism Ultrasonic vibration-driven precision diamond blade on resonant acoustic-stepped horn

Vibrating blade rides on frictionless damped bearings

Electronic circuit maintains ultrasonic resonance with automatic termination for battery conservation

Fiber Compatibility Single-mode and multi-mode optical fibers

Fiber diameter: 80–200 µm

Maximum fiber buffer diameter: 250 µm (EFC11 model)

Cleave Quality & Performance

Mirror-quality planar fiber ends with no hackle End angle consistency: < 1° Cleave angle repeatability: 20,000 cleaves Operation & Power Power source: 9 V alkaline battery (MN 1604) Battery life: Approximately 10,000 cleaves Operation: Stripped fiber placed in low-torsion V-groove clamps; axial tension applied via lever; cleaving initiated by releasing secondary lever Physical Dimensions Size: 150 × 150 × 68 mm Weight: 1.2 kg (2.6 lb)Key Features Ultrasonic vibration eliminates compressive stress during cleaving Double-grip mechanism ensures consistent fiber tension and repeatability Adjustable diamond blade extends tool life and reduces consumable costs Compact form factor suitable for bench and field operationsTypical Applications Fusion splicing preparation in optical network installation, maintenance, and laboratory environments requiring high-quality end-face geometry and minimal splice loss.

Features & description

From manufacturer datasheet

Technical Specifications

Ultrasonic vibration-driven precision diamond blade on resonant acoustic-stepped horn Vibrating blade rides on frictionless damped bearings Electronic circuit maintains ultrasonic resonance with automatic termination for battery conservation Fiber Compatibility Single-mode and multi-mode optical fibers Fiber diameter: 80–200 μm Maximum fiber buffer diameter: 250 μm (EFC11 model) Cleave Quality & Performance Mirror-quality planar fiber ends with no hackle End angle consistency: $< 1^\circ$ Cleave angle repeatability: 20,000 cleaves Operation & Power Power source: 9 V alkaline battery (MN 1604) Battery life: Approximately 10,000 cleaves Operation: Stripped fiber placed in low-torsion V-groove clamps; axial tension applied via lever; cleaving initiated by releasing secondary lever Physical Dimensions Size: 150 × 150 × 68 mm Weight: 1.2 kg (2.6 lb)

Key Features

Ultrasonic vibration eliminates compressive stress during cleaving Double-grip mechanism ensures consistent fiber tension and repeatability Adjustable diamond blade extends tool life and reduces consumable costs Compact form factor suitable for bench and field operations Typical Applications Fusion splicing preparation in optical network installation, maintenance, and laboratory environments requiring high-quality end-face geometry and minimal splice loss.

Ericsson EFC11 — Repair & Calibration Service

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

Ericsson EFC11 price

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

Ericsson EFC11 calibration cost

NIST-traceable calibration for the Ericsson EFC11 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 →

Unit notes

The Ericsson Fiber FSU EFC11 ultrasonic fiber cleaver with double grip produces precision, low-angle cleaves for fusion splicing in optical networks. Unlike conventional cleavers, this tool uses ultrasonic

vibration of a precision diamond blade attached to a resonant acoustic horn, eliminating compressive stresses and blade intrusion. The result is superior end-face quality with minimal hackle and misting. The dual-grip mechanism maintains consistent fiber tension throughout the cleaving cycle, ensuring repeatable performance across laboratory and field deployments.

Technical Specifications

Cleaving Mechanism Ultrasonic vibration-driven precision diamond blade on resonant acoustic-stepped horn Vibrating blade rides on frictionless damped bearings Electronic circuit maintains ultrasonic resonance with automatic termination for battery conservation

Fiber Compatibility Single-mode and multi-mode optical fibers Fiber diameter: 80–200 μm Maximum fiber buffer diameter: 250 μm (EFC11 model)

Cleave Quality & Performance Mirror-quality planar fiber ends with no hackle End angle consistency: $< 1^\circ$ Cleave angle repeatability: 20,000 cleaves

Operation & Power Power source: 9 V alkaline battery (MN 1604) Battery life: Approximately 10,000 cleaves

Operation: Stripped fiber placed in low-torsion V-groove clamps; axial tension applied via lever; cleaving initiated by releasing secondary lever

Physical Dimensions Size: 150 × 150 × 68 mm Weight: 1.2 kg (2.6 lb)

Key Features

Ultrasonic vibration el

EFC11 Specifications

PARAMETER	VALUE
Voltage / Current Range	9 V

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.

Ericsson Fiber FSU EFC11 ultrasonic fiber cleaver double grip,An advanced ultrasonic fiber cleaver featuring a dual-grip mechanism that produces clean, angled fiber end faces essential for achieving low-loss fusion splices in optical fiber networks.

The Ericsson Fiber FSU EFC11 ultrasonic fiber cleaver with double grip produces precision, low-angle cleaves for fusion splicing in optical networks. Unlike conventional cleavers, this tool uses ultrasonic vibration of a precision diamond blade attached to a resonant acoustic horn, eliminating compressive stresses and blade intrusion. The result is superior end-face quality with minimal hackle and misting.

The dual-grip mechanism maintains consistent fiber tension throughout the cleaving cycle, ensuring repeatable performance across laboratory and field deployments.

Typical Applications Fusion splicing preparation in optical network installation, maintenance, and laboratory environments requiring high-quality end-face geometry and minimal splice loss.

EFC11 Specifications

PARAMETER	VALUE
Voltage / Current Range	9 V

Technical Specifications

Ultrasonic vibration-driven precision diamond blade on resonant acoustic-stepped horn Vibrating blade rides on frictionless damped bearings Electronic circuit maintains ultrasonic resonance with automatic termination for battery conservation Fiber Compatibility Single-mode and multi-mode optical fibers Fiber diameter: 80-200 μm Maximum fiber buffer diameter: 250 μm (EFC11 model) Cleave Quality & Performance Mirror-quality planar fiber ends with no hackle End angle consistency: < 1° Cleave angle repeatability: 20,000 cleaves Operation & Power Power source: 9 V alkaline battery (MN 1604) Battery life: Approximately 10,000 cleaves Operation: Stripped fiber placed in low-torsion V-groove clamps; axial tension applied via lever; cleaving initiated by releasing secondary lever Physical Dimensions Size: 150 × 150 × 68 mm Weight: 1.2 kg (2.6 lb)

Key Features

Ultrasonic vibration eliminates compressive stress during cleaving Double-grip mechanism ensures consistent fiber tension and repeatability Adjustable diamond blade extends tool life and reduces consumable costs Compact form factor suitable for bench and field operations

Typical Applications Fusion splicing preparation in optical network installation, maintenance, and laboratory environments requiring high-quality end-face geometry and minimal splice loss.

Ericsson EFC11 – Repair & Calibration Service

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

Ericsson EFC11 price

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

Ericsson EFC11 calibration cost

NIST-traceable calibration for the Ericsson EFC11 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 →

Unit notes

The Ericsson Fiber FSU EFC11 ultrasonic fiber cleaver with double grip produces precision, low-angle cleaves for fusion splicing in optical networks. Unlike conventional cleavers, this tool uses ultrasonic vibration of a precision diamond blade attached to a resonant acoustic horn, eliminating compressive stresses and blade intrusion. The result is superior end-face quality with minimal hackle and misting.The dual-grip mechanism

maintains consistent fiber tension throughout the cleaving cycle, ensuring repeatable performance across laboratory and field deployments.

Technical Specifications

Cleaving Mechanism Ultrasonic vibration-driven precision diamond blade on resonant acoustic-stepped horn Vibrating blade rides on frictionless damped bearings Electronic circuit maintains ultrasonic resonance with automatic termination for battery conservation

Fiber Compatibility Single-mode and multi-mode optical fibers Fiber diameter: 80-200 μm Maximum fiber buffer diameter: 250 μm (EFC11 model)

Cleave Quality & Performance Mirror-quality planar fiber ends with no hackle End angle consistency: $< 1^\circ$ Cleave angle repeatability: 20,000 cleaves

Operation & Power Power source: 9 V alkaline battery (MN 1604) Battery life: Approximately 10,000 cleaves

Operation: Stripped fiber placed in low-torsion V-groove clamps; axial tension applied via lever; cleaving initiated by releasing secondary lever

Physical Dimensions Size: 150 $\times$ 150 $\times$ 68 mm Weight: 1.2 kg (2.6 lb)

Key Features Ultrasonic vibration el

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

788 S 500 E, Pleasant Grove, UT 84062
sales@aumictech.com · +1 (484) 841-9341
<https://aumictechlabs.com>

NIST-traceable calibration · SAM registered ·
30-day returns
NAICS 423690 · 811210 · 541380
Generated August 12, 2026

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