

**Aumictech**

Test & measurement • bought, sold, repaired, calibrated

Data Sheet

August 12, 2026

DIAMOND

DIAMOND E2108.6 polisher Jig for fiber Optic

DIAMOND E2108.6 polisher Jig for fiber Optic, Precision polishing jig for connector end-face preparation. Features adjustable alignment and pressure control for achieving optimal surface finishes during manufacturing and repair of fiber optic connectors.



MODEL

DIAMOND E2108.6

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

E2108.6

LISTING

<https://aumictechlabs.com/products/e2108-6-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The DIAMOND E2108.6 is a precision polishing jig engineered for fiber optic connector end-face preparation. It secures connectors during polishing operations while maintaining controlled pressure and alignment to achieve optimal surface finishes critical for low-loss, high-return-loss performance. The jig eliminates variations caused by connector length differences, ensuring uniform polishing across production, repair, and laboratory environments. Technical Specifications The E2108.6 utilizes a jig-based system that holds connectors during abrasive and polishing film application. Hardened steel construction maintains dimensional stability throughout extended polishing cycles. The jig's design accommodates variable connector geometries while standardizing the polishing interface. Key Features Adjustable alignment for precise connector positioning Pressure control for consistent polishing results Eliminates length-related variations in connector end-face preparation Achieves specified connector end-face geometry including radius of curvature and apex offset Benchtop form factor for manufacturing and service

environments Compatible with polishing films and automated polishing equipmentTypical Applications The E2108.6 serves fiber optic connector manufacturing requiring high-volume production of precisely polished end-faces. It enables technicians to re-polish damaged or out-of-specification connectors in field repair scenarios. Research and development laboratories employ the jig for connector preparation under exacting optical performance standards. Installation and termination work in controlled environments benefits from the jig's alignment and pressure repeatability.Compatibility & Integration Designed for standard fiber optic connectors, the E2108.6 integrates with polishing machines and abrasive consumables. Specific connector types may require additional adapters or tooling. The jig functions within polishing workflows utilizing films and rotating or reciprocating polishing platforms. Maintenance includes regular cleaning and inspection of the jig surface and associated polishing consumables to sustain dimensional accuracy and performance.

Features & description

From manufacturer datasheet

Key Features

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DIAMOND E2108.6 — Repair & Calibration Service

Aumictech offers NIST-traceable calibration and repair for the DIAMOND E2108.6. 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](#) →

DIAMOND E2108.6 price

This DIAMOND E2108.6 is listed at . Calibration is available separately from . Contact us for volume pricing or if you need multiple units.

DIAMOND E2108.6 calibration cost

NIST-traceable calibration for the DIAMOND E2108.6 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

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- Compatible with polishing films and automated polishing equipment

Typical Applications

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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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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>

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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.