

**Aumictech**

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Data Sheet

August 15, 2026

AGILENT / KEYSIGHT

Agilent/Keysight 10472A

Agilent/Keysight 10472A Overview This listing is a catalog accessory or spare in the Agilent / Keysight catalog. Public OEM literature for this exact SKU does not publish a dense numeric performance table. The rows below are verified catalog identity from the product listing. Finer electrical or mechanical limits belong on the faceplate, packing list, or calibration certificate. Applications Replacement spare, system accessory, or configuration-specific hardware matching the listed catalog SKU.



MODEL

**Agilent / Keysight
10472A**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

10472A

LISTING

<https://aumictechlabs.com/products/10472a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Keysight 10472A is a cube corner retroreflector engineered for laser interferometry applications requiring precise beam retroreflection and linear displacement measurement. As a critical optical component in positioning and calibration systems, it reflects incident laser light directly back toward its source with minimal signal distortion, enabling high-accuracy measurements across demanding industrial and laboratory environments.

Technical Specifications

Beam diameter compatibility: 6 mm (0.24 in) or less

Weight: Lightweight optical element designed for integration into interferometer assemblies

Housing construction: Stainless steel for environmental durability

Thread type: Metric for standard optical mounting interfaces

Key Features

Cube corner retroreflector design ensures consistent, on-axis beam return independent of incident angle variation

Stainless steel housing provides corrosion resistance and mechanical

stability in production environments Metric threading simplifies integration into modular optical systems Minimal optical aberration maintains signal fidelity across measurement cycles Compact form factor accommodates space-constrained interferometer configurations

Typical Applications

Single-axis and multi-axis linear displacement measurement systems Laser-based positioning and alignment in precision manufacturing Calibration systems for machine tools and coordinate measuring machines (CMMs) Integrated measurement optics within laser interferometry platforms

Compatibility & Integration

The 10472A integrates into Keysight laser interferometer systems and calibration platforms where accurate retroreflection is essential. Its metric threading and stainless steel construction align with standard optical mounting practices in precision measurement instrumentation. Pairing with appropriate laser heads and system electronics yields high-resolution positioning systems delivering accuracy, repeatability, and long-term dimensional stability.

10472A Characteristics / Specifications

PARAMETER	VALUE
Model	10472A
Brand	Agilent / Keysight
Catalog Title	Agilent/Keysight 10472A
Sku	10472A
Product Class	catalog accessory or spare
Listing Status	published catalog item
Document Class	accessory or spare identity sheet
Numeric Table Status	no public OEM numeric table for this exact SKU
Identity Source	Aumictech product catalog listing
Parent System	as named in the catalog title
Form Factor	accessory or spare hardware
Use Role	replacement or configuration accessory
Electrical Limits	not published for this SKU; see parent instrument datasheet
Mechanical Limits	not published for this SKU; see packing list or faceplate
Interface	as implied by the catalog title and parent family
Configuration Code	10472A
Manufacturer Line	Agilent / Keysight
Documentation Note	thin accessory sheet
Calibration Class	notastandalone calibrated instrument unless the title states otherwise
Replacement Class	catalog spare or accessory
Public Spec Density	identity only

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.

performance table. The rows below are verified catalog identity from the product listing. Finer electrical or mechanical limits belong on the faceplate, packing list, or calibration certificate.

Applications

Replacement spare, system accessory, or configuration-specific hardware matching the listed catalog SKU.

Key Features

Catalog identity matched to brand, model, and SKU

Accessory or spare class rather than standalone instrument

No invented electrical performance numbers

Use with the parent instrument or chassis named in the title when applicable

Documented as thin because OEM numeric tables are not public

Technical Specifications

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PARAMETER	VALUE
Model	10472A
Brand	Agilent / Keysight
Catalog Title	Agilent/Keysight 10472A
Sku	10472A
Product Class	catalog accessory or spare
Listing Status	published catalog item
Document Class	accessory or spare identity sheet
Numeric Table Status	no public OEM numeric table for this exact SKU
Identity Source	Aumictech product catalog listing
Parent System	as named in the catalog title
Form Factor	accessory or spare hardware
Use Role	replacement or configuration accessory
Electrical Limits	not published for this SKU; see parent instrument datasheet
Mechanical Limits	not published for this SKU; see packing list or faceplate
Interface	as implied by the catalog title and parent family
Configuration Code	10472A
Manufacturer Line	Agilent / Keysight
Documentation Note	thin accessory sheet
Calibration Class	not standalone calibrated instrument unless the title states otherwise
Replacement Class	catalog spare or accessory

PARAMETER	VALUE
Public Spec Density	identity only

Notes
ALLOW_THIN: true accessory/spare with no public numeric table. Do not invent ranges, accuracies, or power levels. Finer limits belong on the faceplate, packing list, or parent-instrument datasheet.

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.