

**Aumictech**

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Data Sheet

August 15, 2026

AGILENT / KEYSIGHT

Agilent/Keysight 10790B

Agilent/Keysight 10790B 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
10790B**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

10790B

LISTING

<https://aumictechlabs.com/products/10790b-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Keysight 10790B is a 10-meter receiver cable designed to connect Keysight 10780C and 10780F receivers to measurement electronics within laser interferometer positioning systems. Keyed connectors on both ends ensure correct alignment and error-free installation, eliminating mismatched connections during setup. This cable transmits measurement signals from the receiver to processing electronics, maintaining signal integrity across the full system length.

Technical Specifications

- Cable Length: 10 meters (32.8 feet)
- Connectors: Keyed on both ends for polarized mating
- Function: Receiver-to-electronics signal transmission

Key Features

- Keyed connector design prevents incorrect orientation during installation
- 10-meter reach accommodates extended system architectures
- Identical connectors on both ends simplify cable routing and system assembly

Typical Applications

- Semiconductor manufacturing metrology

Precision machining positioning feedback Scientific research measurement systems High-accuracy dimensional inspection Compatibility & Integration The 10790B interfaces with the following Keysight components: Receivers: 10780C, 10780F Axis Boards: 10895A (VMEbus architecture) Positioning Systems: 5527B laser positioning transducer system System Components: 10932B, 10934A, 10936B This cable is integral to Keysight laser interferometer configurations requiring high-precision positional feedback and measurement signal routing from distributed receiver locations to centralized processing electronics.

10790B Characteristics / Specifications

PARAMETER	VALUE
Model	10790B
Brand	Agilent / Keysight
Catalog Title	Agilent/Keysight 10790B
Sku	10790B
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	10790B
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	10790B
Brand	Agilent / Keysight
Catalog Title	Agilent/Keysight 10790B
Sku	10790B
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	10790B
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.