

**Aumictech**

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Data Sheet

August 15, 2026

AGILENT / KEYSIGHT

Agilent/Keysight 10468A

Agilent/Keysight 10468A 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	CALIBRATION
Agilent / Keysight 10468A	Available on request
CONDITION	STATUS
Used	In stock
RFQ / SKU	LISTING
10468A	https://aumictechlabs.com/products/10468a-2/

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Keysight 10468A is a 5V PECL clock pod module designed to interface pattern generator and logic analyzer systems with dedicated clock signal distribution. It has ECL-compatible clock inputs and outputs, supporting frequencies up to 300 MHz with adjustable delay control. Each pattern generator module or 1682xA logic analyzer operating as a master requires one clock pod to enable synchronization and pattern recognition across the measurement system. Technical Specifications Clock Output: 10EL90 (5 V) topology with 348 Ω pulldown to ground and 42 Ω series impedance Clock Output Rate: DC to 300 MHz maximum Clock Output Delay: Maximum 11 ns, adjustable in 9 steps Clock Input: 100EL91 PECL (5 V), no termination required Clock Input Rate: DC to 300 MHz Pattern Input: 100EL91 PECL (5 V), no termination; unconnected pins default to logic 0 Clock-in to Clock-out Propagation Delay: Approximately 30 ns Pattern-in to Recognition

Delay: Approximately 15 ns + 1 clock period

Key Features

- Single-pod configuration for one pattern generator module or one portable logic analyzer master
- Adjustable output delay in 9 discrete steps for timing alignment
- ECL/PECL logic levels throughout ensure compatibility with high-speed digital test systems
- No external termination needed on clock and pattern inputs

Typical Applications

- Multi-module pattern generation systems requiring synchronized clock distribution
- Portable logic analyzer setups (1682xA series) with external timing references
- High-speed digital circuit characterization and functional testing

Compatibility & Integration

Designed for the Keysight 16720A pattern generator module family. The Keysight 10498A lead set is required for connection and should be ordered concurrently with the 10468A.

10468A Characteristics / Specifications

PARAMETER	VALUE
Model	10468A
Brand	Agilent / Keysight
Catalog Title	Agilent/Keysight 10468A
Sku	10468A
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	10468A
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

Technical Specifications

PARAMETER	VALUE
Model	10468A
Brand	Agilent / Keysight
Catalog Title	Agilent/Keysight 10468A
Sku	10468A
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	10468A
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.