

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 3, 2026

KEYSIGHT

Keysight (Agilent) N4694A Electronic Calibration Module, 10 MHz to 67 GHz

Keysight (Agilent) N4694A Electronic Calibration Module, 10 MHz to 67 GHz The Keysight/Agilent N4694A is a 2-port microwave electronic calibration (ECal) module covering 10 MHz to 67 GHz with 1.85 mm connectors. Characterized standards stored in module memory automate VNA calibration. (Successor N4694D extends options including DC start; do not substitute N4694D catalog photos for N4694A.) Full two-port VNA calibration to 67 GHz; mmWave/PNA calibration replacing mechanical 1.85 mm kits; production and metrology cal. The Keysight/Agilent N4694A is a 2-port microwave electronic calibration (ECal) module covering 10 MHz to 67 GHz with 1.85 mm connectors. Characterized standards stored in module memory automate VNA calibration. (Successor N4694D extends options including DC start; do not substitute N4694D catalog photos for N4694A.) Full two-port VNA calibration to 67 GHz; mmWave/PNA calibration replacing mechanical 1.85 mm kits; production and metrology cal.

No photo

MODEL Keysight N4694A	CALIBRATION N/A — off-catalog OEM datasheet
CONDITION See OEM documentation	STATUS Not listed on Aumictech inventory
RFQ / SKU N4694A	LISTING Off-catalog — OEM dat asheet only

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

Features & description

From manufacturer datasheet

Features

- Frequency: 10 MHz to 67 GHz (N4694A) • Connectors: 1.85 mm • Ports: 2 • Type: Microwave ECal module • Options historically: 00A/00F/00M, UK6, 1A7, A6J, M0F (connector sex / cal data) • USB/control from supported Keysight VNAs (architecture-era dependent)

N4694A Characteristics / Specifications

PARAMETER	VALUE
Model	N4694A
Manufacturer	Keysight Technologies (Agilent)
Instrument Type	Electronic Calibration Module (ECal)
Alias	N4694A; Agilent N4694A RF
Frequency Range	10 MHz to 67 GHz
Connector Type	1.85 mm
Ports	2
Connector configurations	male/female combinations per ordered option (M0F, etc.) Calibration Electronic multi-state standards with factory characterization in module memory Faster / fewer connections than mechanical OSL/T kits Operational Notes User listing typo "lectronic" = Electronic. Do not match catalog N4694D as identical-confirmAvsDgeneration. Prefer Keysight ECal module literature for N4694A uncertainty tables.
Frequency	10 MHz to 67 GHz (N4694A)
Connectors	1.85 mm
Type	Microwave ECal module
Options historically	00A/00F/00M, UK6, 1A7, A6J, M0F (connector sex / cal data)

N4694A Specifications

PARAMETER	VALUE
Applications	Full two-port VNA calibration to 67 GHz; mmWave/PNA calibration replacing mechanical 1.85 mm kits; production and metrology cal.
Key Features	- Frequency: 10 MHz to 67 GHz (N4694A)
Technical Specifications	Model: N4694A

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.

Specifications

Specifications

PARAMETER	VALUE
Model	N4694A
Manufacturer	Keysight Technologies (Agilent)
Instrument Type	Electronic Calibration Module (ECal)
Alias	N4694A; Agilent N4694A

RF

Specifications

PARAMETER	VALUE
Frequency Range	10 MHz to 67 GHz
Connector Type	1.85 mm
Ports	2
Connector configurations	male/female combinations per ordered option (MOF, etc.)

Calibration

Electronic multi-state standards with factory characterization in module memory
Faster / fewer connections than mechanical OSL/T kits

Operational Notes

User listing typo “lectronic” = Electronic. Do not match catalog N4694D as identical-confirmAvsDgeneration.
Prefer Keysight ECal module literature for N4694A uncertainty tables.

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: N/A — off-catalog OEM datasheet. See OEM documentation · Not listed on Aumictech inventory.

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.