

**Aumictech**

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Data Sheet

August 5, 2026

KEYSIGHT / AGILENT

Keysight (Agilent) N7552A Electronic Calibration Module, DC to 9 GHz, 2-Port

Keysight (Agilent) N7552A Electronic Calibration Module, DC to 9 GHz, 2-Port The Keysight N7552A is an N755xA Series economy 2-port electronic calibration (ECal) module covering DC to 9 GHz. Available with 3.5 mm or Type-N 50 Ω connector gender options. Characterized standards in module memory enable fast automated VNA calibration; no warm-up. Compact ~77 × 29 × 27 mm. 2-port VNA calibration to 9 GHz; production and R&D S-parameter setup; economy alternative to mechanical kits / premium ECal. The Keysight N7552A is an N755xA Series economy 2-port electronic calibration (ECal) module covering DC to 9 GHz. Available with 3.5 mm or Type-N 50 Ω connector gender options. Characterized standards in module memory enable fast automated VNA calibration; no warm-up. Compact ~77 × 29 × 27 mm. 2-port VNA calibration to 9 GHz; production and R&D S-parameter setup; economy alternative to mechanical kits / premium ECal.



MODEL

**Keysight / Agilent
N7552A**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

N7552A

LISTING

<https://aumictechlabs.com/products/n7552a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Keysight N7552A is a 2-port electronic calibration module that delivers traceable, metrology-grade calibration for vector network analyzers from DC to 9 GHz. Unlike mechanical calibration kits, this solid-state solution connects via a single USB interface to your VNA and completes

calibration in under 10 seconds per standard, cutting setup time in half while eliminating operator error through full firmware automation.

Technical Specifications

Frequency range: DC to 9 GHz
Ports: 2 Impedance: 50 Ohms Connector options: 3.5 mm or Type-N (female, male, or mixed configurations)
Control: USB 2.0 micro-interface Power: 100–240 VAC, 50/60 Hz Operating temperature: +15 to +35 °C at up to 75% RH Maximum input power: 23 dBm (optimal calibration: ≤ +9 dBm) Dimensions: 330 mm × 132 mm × 228 mm Weight: 5.9 kg

Key Features

Programmable solid-state standards eliminate mechanical wear and connector fatigue Fully automated calibration controlled directly by VNA firmware - no external PC required Traceable, verifiable electronic standards provide confidence in measurement integrity Compact 2-port form factor with integrated storage box option

Typical Applications

Production and manufacturing RF test environments requiring rapid turnaround Laboratory characterization of components and devices at microwave frequencies Field service and on-site VNA verification across portable platforms

Compatibility & Integration

The N7552A integrates directly with Keysight PNA-X, PNA, ENA (E5061/62/63, E5070/71/72, E5080), PXI Series, and FieldFox handheld analyzer firmware. Single USB connection to your instrument eliminates external calibration workstations and simplifies operator workflow.

Features & description

From manufacturer datasheet

Features

- Frequency: DC to 9 GHz • Ports: 2 • Connectors: 3.5 mm or Type-N 50 Ω (option selectable) • Gender options: 3FF/3MF/3MM or NFF/NMF/NMM • Economy ECal; USB control from Keysight VNAs • Supported platforms: ENA, PNA, Streamline, FieldFox (per Keysight support matrix)

N7552A Characteristics / Specifications

PARAMETER	VALUE
Model	N7552A
Manufacturer	Keysight Technologies (Agilent)
Instrument Type	Electronic Calibration Module (ECal)
Family	N755xA Series Economy ECal
Alias	N7552A RF
Frequency Coverage	DC to 9 GHz
Ports	2
Connector Types	3.5 mm or Type-N 50 Ω
Connector Options	3FF, 3MF, 3MM, NFF, NMF, NMM (must choose one) Mechanical
Approximate dimensions	77 × 29 × 27 mm (H × W × D) Operational Notes
Siblings	N7550A (4 GHz), N7551A (6.5 GHz), N7553A (14 GHz), N7554A (18 GHz), N7555A (26.5 GHz, 3.5 mm). Prefer Keysight N755xA product fact sheet 5992-2547 / ECal overview 5963-3743.
Frequency	DC to 9 GHz
Connectors	3.5 mm or Type-N 50 Ω (option selectable)
Gender options	3FF/3MF/3MM or NFF/NMF/NMM
Supported platforms	ENA, PNA, Streamline, FieldFox (per Keysight support matrix)

N7552A Specifications

PARAMETER	VALUE
Applications	2-port VNA calibration to 9 GHz; production and R&D S-parameter setup; economy alternative to mechanical kits / premium ECal.
Key Features	- Frequency: DC to 9 GHz
Technical Specifications	Model: N7552A
Mechanical	Approximate dimensions: 77 × 29 × 27 mm (H × W × D)

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	N7552A
Manufacturer	Keysight Technologies (Agilent)
Instrument Type	Electronic Calibration Module (ECal)
Family	N755xA Series Economy ECal
Alias	N7552A
RF	
Specifications	
PARAMETER	VALUE
Frequency Coverage	DC to 9 GHz
Ports	2
Connector Types	3.5 mm or Type-N 50 Ω
Connector Options	3FF, 3MF, 3MM, NFF, NMF, NMM (must choose one)
Mechanical	
Approximate dimensions: 77 × 29 × 27 mm (H × W × D)	
Operational Notes	
Siblings: N7550A (4 GHz), N7551A (6.5 GHz), N7553A (14 GHz), N7554A (18 GHz), N7555A (26.5 GHz, 3.5 mm).	
Prefer Keysight N755xA product fact sheet 5992-2547 / ECal overview 5963-3743.	

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.