

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 15, 2026

AGILENT / KEYSIGHT

Agilent/Keysight N5442A Precision BNC 50 Ω Adapter

Keysight / Agilent N5442A Precision BNC 50 Ohm Adapter The Keysight/Agilent N5442A is a precision BNC 50 ohm adapter accessory used with Infiniium / InfiniiMax probing and precision measurement setups needing a controlled BNC 50 ohm interface. OEM probe accessory tables identify the N5442A as a precision BNC 50 ohm adapter for maintaining controlled impedance connections. Precision 50 ohm BNC interconnects, Infiniium probe accessory setups, and controlled-impedance BNC adaptations. Application Class: Precision measurement interconnect The Keysight/Agilent N5442A is a precision BNC 50 ohm adapter accessory used with Infiniium / InfiniiMax probing and precision measurement setups needing a controlled BNC 50 ohm interface. OEM probe accessory tables identify the N5442A as a precision BNC 50 ohm adapter for maintaining controlled impedance connections. Precision 50 ohm BNC interconnects, Infiniium probe accessory setups, and controlled-impedance BNC adaptations. Application Class: Precision measurement interconnect Related Platform: Infiniium / InfiniiMax accessory ecosystem



MODEL

**Agilent / Keysight
N5442A**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

N5442A

LISTING

<https://aumictechlabs.com/products/n5442a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Agilent/Keysight N5442A is a electronic test equipment module, essential for engineers and technicians requiring precise signal manipulation and analysis. Its solid design ensures reliability in demanding testing environments, providing accurate results for research, development, and manufacturing processes.

N5442A Characteristics / Specifications

PARAMETER	VALUE
Model	N5442A
Instrument Type	Precision BNC adapter
Impedance	50 ohm
Connector Family	BNC
Application Class	Precision measurement interconnect
Brand Lineage	Keysight / Agilent
Related Platform	Infiniium / InfiniiMax accessory ecosystem
Chassis Form	Coaxial adapter
Documentation Scope	OEM N5442A accessory documentation
Mating Interface	BNC 50 ohm
Use Case	Controlled impedance BNC adaptation
Power Handling Class	Small-signal adapter class
Frequency Class	BNC precision accessory frequency class per sheet
VsWR Class	Precision BNC adapter class per sheet
Insertion Loss Class	Low-loss adapter class per sheet
Operating Temperature Spec Class	Follow accessory sheet
Storage Temperature Spec Class	Follow accessory sheet
Calibration	Include in system path characterization as needed
Durability Class	Accessory mate cycle class
Installed Options	None typical
Weight Class	Small adapter mass class
Safety Class	Observe instrument maximum input ratings
Storage temperature	Spec Class: Follow accessory sheet
Operating temperature	Spec Class: Follow accessory sheet

N5442A Specifications

PARAMETER	VALUE
Keysight / Agilent N5442A Precision BNC 50 Ohm Adapter	Overview
Applications	Precision 50 ohm BNC interconnects, Infiniium probe accessory setups, and controlled-impedance BNC adaptations.
Key Features	Precision BNC 50 ohm interface
Infiniium / probe accessory ecosystem	Metrology minded BNC interconnect
Technical Specifications	Model: N5442A

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Storage temperature	Spec Class: Follow accessory sheet
Operating temperature	Spec Class: Follow accessory sheet
Operating Temperature	Spec Class: Follow accessory sheet
Operating Temperature Spec Class	Follow accessory sheet
Storage Temperature Spec Class	Follow accessory sheet
Calibration	Include in system path characterization as needed
Durability Class	Accessory mate cycle class
Installed Options	None typical
Weight Class	Small adapter mass class
Safety Class	Observe instrument maximum input ratings Notes From Keysight N5442A precision BNC 50 ohm adapter accessory documentation. Confirm sex/orientation against the specific kit drawing before mating.

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	
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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.