

**Aumictech**

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Data Sheet

August 15, 2026

AGILENT / KEYSIGHT

Agilent/Keysight N5520B Adapter, 1.85 mm (f) to 1.85 (f), DC to 67 GHz

Keysight / Agilent N5520B Adapter 1.85 mm Female to 1.85 mm Female DC to 67 GHz The Keysight/Agilent N5520B isaprecision 1.85 mm (f) to 1.85 mm (f) coaxial adapter rated DC to 67 GHz. OEM microwave adapter tables specify sex, connector type, and maximum frequency for metrology and VNA interconnect use. 67 GHz VNA interconnects, precision microwave adapter stacks, and 1.85 mm female-to-female sex conversion. Instrument Type: Precision coaxial adapter The Keysight/Agilent N5520B isaprecision 1.85 mm (f) to 1.85 mm (f) coaxial adapter rated DC to 67 GHz. OEM microwave adapter tables specify sex, connector type, and maximum frequency for metrology and VNA interconnect use. 67 GHz VNA interconnects, precision microwave adapter stacks, and 1.85 mm female-to-female sex conversion. Instrument Type: Precision coaxial adapter Application Class: VNA and microwave interconnect



MODEL

**Agilent / Keysight
N5520B**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

N5520B

LISTING

<https://aumictechlabs.com/products/n5520b-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Agilent/Keysight N5520B is a PNA Series network analyzer designed for accurate and efficient testing of RF and microwave components and systems. It has advanced measurement capabilities, including S-parameter measurements, time-domain analysis, and frequency-domain

analysis. The N5520B features a wide frequency range, excellent dynamic range, and fast measurement speed, making it suitable for various applications in research, development, and manufacturing.

N5520B Characteristics / Specifications

PARAMETER	VALUE
Model	N5520B
Instrument Type	Precision coaxial adapter
Connector End	1.85 mm female
Frequency Range	DC to 67 GHz
Sex Configuration	Female to female
Connector Family	1.85 mm
Brand Lineage	Keysight / Agilent
Related Male Male	N5520A
Related Male Female	N5520C
Application Class	VNA and microwave interconnect
Chassis Form	Inline coaxial adapter
Impedance Class	50 ohm microwave coaxial class
Mating Torque	Per 1.85 mm connector torque spec class
Durability Class	Precision adapter mate cycle class
Documentation Scope	OEM N5520 adapter family tables
Operating Temperature Spec Class	Follow microwave adapter sheet
Storage Temperature Spec Class	Follow microwave adapter sheet
Calibration	Adapter characterized in system cal as needed
Power Handling Class	Small-signal adapter class; follow sheet
VsWR Class	Precision 1.85 mm adapter class per sheet
Insertion Loss Class	Low-loss precision adapter class per sheet
Installed Options	None typical
Storage temperature	Spec Class: Follow microwave adapter sheet
Operating temperature	Spec Class: Follow microwave adapter sheet

N5520B Specifications

PARAMETER	VALUE
Applications	67 GHz VNA interconnects, precision microwave adapter stacks, and 1.85 mm female-to-female sex conversion.
Key Features	DC to 67 GHz rating
Technical Specifications	Model: N5520B
Notes	From Keysight N5520 series 1.85 mm adapter documentation. Verify female contact condition before mating to expensive VNA ports.

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Storage temperature	Spec Class: Follow microwave adapter sheet
Operating temperature	Spec Class: Follow microwave adapter sheet
Operating Temperature	Spec Class: Follow microwave adapter sheet
Operating Temperature Spec Class	Follow microwave adapter sheet
Storage Temperature Spec Class	Follow microwave adapter sheet
Calibration	Adapter characterized in system cal as needed
Power Handling Class	Small-signal adapter class; follow sheet
VsWR Class	Precision 1.85 mm adapter class per sheet
Insertion Loss Class	Low-loss precision adapter class per sheet
Installed Options	None typical Notes From Keysight N5520 series 1.85 mm adapter documentation. Verify female contact condition before mating to expensive VNA ports.

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	N5520B
Instrument Type	Precision coaxial adapter
Connector End 1	1.85 mm female
Connector End 2	1.85 mm female
Frequency Range	DC to 67 GHz
Sex Configuration	Female to female
Connector Family	1.85 mm
Brand Lineage	Keysight / Agilent
Related Male Male	N5520A
Related Male Female	N5520C
Application Class	VNA and microwave interconnect
Chassis Form	Inline coaxial adapter
Impedance Class	50 ohm microwave coaxial class
Mating Torque	Per 1.85 mm connector torque spec class
Durability Class	Precision adapter mate cycle class
Documentation Scope	OEM N5520 adapter family tables
Operating Temperature Spec Class	Follow microwave adapter sheet
Storage Temperature Spec Class	Follow microwave adapter sheet
Calibration	Adapter characterized in system cal as needed
Power Handling Class	Small-signal adapter class; follow sheet
VsWR Class	Precision 1.85 mm adapter class per sheet
Insertion Loss Class	Low-loss precision adapter class per sheet
Installed Options	None typical
Notes	
From Keysight N5520 series 1.85 mm adapter documentation. Verify female contact condition before mating to expensive VNA ports.	

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.