

**Aumictech**

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Data Sheet

August 15, 2026

AGILENT / KEYSIGHT

Agilent/Keysight N5520C 1.85 mm male to 1.85 mm female adapter

Keysight / Agilent N5520C Adapter 1.85 mm Male to 1.85 mm Female DC to 67 GHz The Keysight/Agilent N5520C isaprecision 1.85 mm (m) 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 male-to-female barrel adaptation. Instrument Type: Precision coaxial adapter The Keysight/Agilent N5520C isaprecision 1.85 mm (m) 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 male-to-female barrel adaptation. Instrument Type: Precision coaxial adapter Application Class: VNA and microwave interconnect



MODEL

**Agilent / Keysight
N5520C**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

N5520C

LISTING

<https://aumictechlabs.com/products/n5520c-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Agilent/Keysight N5520C works with comprehensive network analysis, providing engineers with the tools necessary for detailed characterization of electronic components and systems. Its advanced features and solid performance make it suitable for demanding applications in research,

development, and production. The N5520C ensures accurate and repeatable measurements, contributing to improved product quality and faster time-to-market.

N5520C Characteristics / Specifications

PARAMETER	VALUE
Model	N5520C
Instrument Type	Precision coaxial adapter
Connector End	1.85 mm female
Frequency Range	DC to 67 GHz
Sex Configuration	Male to female
Connector Family	1.85 mm
Brand Lineage	Keysight / Agilent
Related Male Male	N5520A
Related Female Female	N5520B
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

N5520C Specifications

PARAMETER	VALUE
Applications	67 GHz VNA interconnects, precision microwave adapter stacks, and 1.85 mm male-to-female barrel adaptation.
Key Features	DC to 67 GHz rating
Technical Specifications	Model: N5520C
Notes	From Keysight N5520 series 1.85 mm adapter documentation. Prefer minimum adapter count in 67 GHz paths to reduce mismatch stack-up.

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. Prefer minimum adapter count in 67 GHz paths to reduce mismatch stack-up.

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	N5520C
Instrument Type	Precision coaxial adapter
Connector End 1	1.85 mm male
Connector End 2	1.85 mm female
Frequency Range	DC to 67 GHz
Sex Configuration	Male to female
Connector Family	1.85 mm
Brand Lineage	Keysight / Agilent
Related Male Male	N5520A
Related Female Female	N5520B
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. Prefer minimum adapter count in 67 GHz paths to reduce mismatch stack-up.	

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.