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Data Sheet

August 15, 2026

AGILENT / KEYSIGHT

Agilent/Keysight N5382A InfiniiMax II 12 GHz differential probe head

Agilent Keysight N5382A InfiniiMax II Differential Browser Head 12 GHz The Keysight N5382A is a high-bandwidth differential browser probe head for InfiniiMax II 1168A/1169A amplifiers. OEM Infiniium Oscilloscope Probes and Accessories data sheet lists 12 GHz specified (13 GHz typical with DSO81304A/DSO91304A), 0.21 pF / 50 kOhm differential loading, 0.35 pF / 25 kOhm single-ended loading, and 0.2 to 3.3 mm variable spacing for hand-held or probe-holder use. Handheld or probe-holder browsing of differential and single-ended high-speed nodes on InfiniiMax II 10 GHz and 12 GHz systems. The Keysight N5382A is a high-bandwidth differential browser probe head for InfiniiMax II 1168A/1169A amplifiers. OEM Infiniium Oscilloscope Probes and Accessories data sheet lists 12 GHz specified (13 GHz typical with DSO81304A/DSO91304A), 0.21 pF / 50 kOhm differential loading, 0.35 pF / 25 kOhm single-ended loading, and 0.2 to 3.3 mm variable spacing for hand-held or probe-holder use. Handheld or probe-holder browsing of differential and single-ended high-speed nodes on InfiniiMax II 10 GHz and 12 GHz systems.



MODEL

**Agilent / Keysight
N5382A**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

N5382A

LISTING

<https://aumictechlabs.com/products/n5382a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Agilent/Keysight N5382A probe adapter is specifically designed for use with InfiniiMax I/II Series probes. It has a convenient and reliable interface for connecting probes to various test points and devices under test. This adapter ensures optimal signal integrity and minimizes signal distortion, which is crucial for accurate high-speed measurements. Its solid construction and precise design guarantee secure and dependable connections, making it an essential tool for engineers and technicians working with test equipment. The N5382A simplifies probing tasks and enhances the overall efficiency of testing and debugging processes.

N5382A Characteristics / Specifications

PARAMETER	VALUE
Instrument Type	InfiniiMax II high bandwidth differential browser probe head
Series Family	Keysight InfiniiMax II N5380B / N5381B / N5382A
Bandwidth With 1169a	12 GHz specified
Bandwidth Typical 13 Ghz Scope	13 GHz typical with DSO81304A or DSO91304A
Bandwidth With 1168a	10 GHz class with 1168A amplifier
Differential Capacitance	0.21 pF
Differential Resistance	50 kOhm
Single Ended Capacitance	0.35 pF
Single Ended Resistance	25 kOhm
Capacitive Loading Max	less than or equal to 210 fF
Variable Spacing	0.2 mm to 3.3 mm (8 to 130 mil)
Compatible Amplifiers	1168A (10 GHz) and 1169A (12 GHz spec, 13 GHz typical)
Compatible Scopes	Infiniium 80000A and 90000A Series
Amplifier 1169a Bandwidth Spec	greater than 12 GHz (13 GHz typical)
Amplifier 1168a Bandwidth Spec	greater than 10 GHz
System Bandwidth 91304a	13 GHz typical (1169A with 91304A)
System Bandwidth 91204a	12 GHz (1169A with 91204A)
Probe Mode	differential and single-ended
Head Style	differential browser, hand-held or probe holder
Related Solder In Head	N5381B
Related Sma Head	N5380B 12 GHz differential SMA
Literature	Keysight Infiniium Oscilloscope Probes and Accessories data sheet InfiniiMax II tables
Bandwidth	differential browser probe head

N5382A Specifications

PARAMETER	VALUE
Applications	Handheld or probe-holder browsing of differential and single-ended high-speed nodes on InfiniiMax II 10 GHz and 12 GHz systems.
Key Features	Same 12 GHz / 210 fF loading class as N5381B in a browser form
Use with 1168A or 1169A amplifiers	13 GHz typical on 13 GHz Infiniium
Technical Specifications	Instrument Type: InfiniiMax II high bandwidth differential browser probe head

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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Probe Mode	differential and single-ended
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Related Solder In Head	N5381B
Related Sma Head	N5380B 12 GHz differential SMA
Literature	Keysight Infiniium Oscilloscope Probes and Accessories data sheet InfiniiMax II tables
Notes	
From Keysight Infiniium Oscilloscope Probes and Accessories data sheet InfiniiMax II probe-head table row N5382A and 1168A/1169A amplifier bandwidth rows.	

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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30-day returns
NAICS 423690 · 811210 · 541380
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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.