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Data Sheet

August 15, 2026

AGILENT / KEYSIGHT

Keysight Agilent N2889A Passive Probe, 10:1/1:1, 350 MHz

Agilent Keysight N2889A Passive Probe 350 MHz 10:1 / 1:1 The Keysight N2889A is a switchable 1:1 and 10:1 low-cost passive probe. OEM N28xxA/B Passive Probes data sheet 5990-7111EN lists 350 MHz at 10:1 and 10 MHz at 1:1, 1 ns / 35 ns rise times, 10 MOhm / 1 MOhm input resistance, 11 pF / 60 pF input capacitance, and a 1.3 m cable without a probe ID pin. General-purpose probing on Keysight 1 MOhm InfiniiVision and Infiniium oscilloscopes when switchable 1:1/10:1 attenuation is required. Low-frequency and high-frequency compensation adjustments

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Compatible with 1 MOhm BNC InfiniiVision and Infiniium scopes



MODEL

**Agilent / Keysight
N2889A**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

N2889A

LISTING

<https://aumictechlabs.com/products/n2889a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Agilent/Keysight N2889A is a crucial accessory that expands the functionality of your Keysight test equipment. Engineered for precision, it facilitates dependable connections and maintains signal integrity, which is essential for accurate measurements. This accessory is widely used in electronics testing, R&D, and quality assurance, helping professionals achieve reliable results and optimize their testing processes.

N2889A Characteristics / Specifications

PARAMETER	VALUE
Instrument Type	Switchable passive probe
Series Family	Keysight N28xxA/B passive probes
Bandwidth At 10 To	350 MHz (minus 3 dB)
Bandwidth At 1 To	10 MHz (minus 3 dB)
Rise Time At 10 To	1 ns (10 to 90 percent)
Rise Time At 1 To	35 ns (10 to 90 percent)
Attenuation Ratio	1:1 / 10:1 switchable
Input Resistance At 10 To	10 MOhm when terminated into 1 MOhm
Input Resistance At 1 To	1 MOhm when terminated into 1 MOhm
Input Capacitance At 10 To	11 pF
Input Capacitance At 1 To	60 pF
Max Input At 10 To	300 Vrms (or less than 400 Vpk) mains isolated / CAT II
Max Input At 1 To	150 Vrms CAT I/II
Scope Compensation Range	5 to 30 pF at 10:1
Probe Id Pin	No
Cable Length	1.3 m
Scope Input Required	1 MOhm BNC
Safety Standard	IEC 61010-031:2015
Operating Temperature	0 C to plus 50 C
Storage Temperature	0 C to plus 50 C
Humidity	80 percent RH non-condensing
Altitude	2000 m indoor use only
Pollution Degree	2
Compatible Scope Families	InfiniiVision and Infiniium with 1 MOhm input
Literature	Keysight 5990-7111EN

PARAMETER	VALUE
Bandwidth	At 10 To 1: 350 MHz (minus 3 dB)
Rise Time	At 10 To 1: 1 ns (10 to 90 percent)
Attenuation	Ratio: 1:1 / 10:1 switchable

N2889A Specifications

PARAMETER	VALUE
Applications	General-purpose probing on Keysight 1 MOhm InfiniiVision and Infiniium oscilloscopes when switchable 1:1/10:1 attenuation is required.
Key Features	Handle switch selects 1:1 or 10:1
Technical Specifications	Instrument Type: Switchable passive probe
Notes	From Keysight N28xxA/B Passive Probes data sheet 5990-7111EN column N2889A. Compensation range applies at 10:1.

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Storage temperature	0 C to plus 50 C
Operating temperature	0 C to plus 50 C
Operating Temperature	0 C to plus 50 C
Humidity	80 percent RH non-condensing
Altitude	2000 m indoor use only
Pollution Degree	2
Compatible Scope Families	InfiniiVision and Infiniium with 1 MOhm input
Literature	Keysight 5990-7111EN Notes From Keysight N28xxA/B Passive Probes data sheet 5990-7111EN column N2889A. Compensation range applies at 10:1.

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
Instrument Type	Switchable passive probe
Series Family	Keysight N28xxA/B passive probes
Bandwidth At 10 To 1	350 MHz (minus 3 dB)
Bandwidth At 1 To 1	10 MHz (minus 3 dB)
Rise Time At 10 To 1	1 ns (10 to 90 percent)
Rise Time At 1 To 1	35 ns (10 to 90 percent)
Attenuation Ratio	1:1 / 10:1 switchable
Input Resistance At 10 To 1	10 MOhm when terminated into 1 MOhm
Input Resistance At 1 To 1	1 MOhm when terminated into 1 MOhm
Input Capacitance At 10 To 1	11 pF
Input Capacitance At 1 To 1	60 pF
Max Input At 10 To 1	300 Vrms (or less than 400 Vpk) mains isolated / CAT II
Max Input At 1 To 1	150 Vrms CAT I/II
Scope Compensation Range	5 to 30 pF at 10:1
Probe Id Pin	No
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Scope Input Required	1 MOhm BNC
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Operating Temperature	0 C to plus 50 C
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Literature	Keysight 5990-7111EN

Notes

From Keysight N28xxA/B Passive Probes data sheet 5990-7111EN column N2889A. Compensation range applies at 10:1.

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

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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.