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Data Sheet

August 14, 2026

AGILENT / KEYSIGHT

Agilent/Keysight N7026A AC/DC High Sensitivity Clamp-On Current Probe, 150 MHz

Agilent Keysight N7026A AC/DC High Sensitivity Clamp-On Current Probe 150 MHz The Keysight N7026A is a 150 MHz clamp-on AC/DC high-sensitivity current probe with AutoProbe I (1 MOhm) interface. OEM N7026A user's guide lists DC to 150 MHz bandwidth, 2.67 ns calculated 10-90 percent rise time, about 250 uA rms noise in a 20 MHz instrument, 1 V/A and 0.2 V/A sensitivities, 1 mA/div minimum scale, and 5 A / 15 Apeak without the external adapter or 30 A rms / 40 Apeak with the adapter. Low-level current waveforms in motor controllers, switching supplies, and current amplifiers driving inductive loads on InfiniiVision and Infiniium AutoProbe scopes. The Keysight N7026A is a 150 MHz clamp-on AC/DC high-sensitivity current probe with AutoProbe I (1 MOhm) interface. OEM N7026A user's guide lists DC to 150 MHz bandwidth, 2.67 ns calculated 10-90 percent rise time, about 250 uA rms noise in a 20 MHz instrument, 1 V/A and 0.2 V/A sensitivities, 1 mA/div minimum scale, and 5 A / 15 Apeak without the external adapter or 30 A rms / 40 Apeak with the adapter. Low-level current waveforms in motor controllers, switching supplies, and current amplifiers driving inductive loads on InfiniiVision and Infiniium AutoProbe scopes.



MODEL

**Agilent / Keysight
N7026A**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

N7026A

LISTING

<https://aumictechlabs.com/products/n7026a-3/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Agilent/Keysight N7026A power rail probe is a specialized instrument designed for precise measurement and analysis of power distribution networks (PDNs). With its high bandwidth and exceptionally low noise floor, the N7026A enables engineers to accurately characterize and debug power integrity issues in electronic designs. It is an essential tool for ensuring the reliable operation of sensitive electronic components and systems.

N7026A Characteristics / Specifications

PARAMETER	VALUE
Instrument Type	Clamp-on AC/DC high-sensitivity current probe
Probe Bandwidth	DC to 150 MHz (minus 3 dB)
Rise Time 10 To	2.67 ns calculated as $T_r = 0.4/\text{bandwidth}$
Probe Sensitivity	1 V/A and 0.2 V/A (oscilloscope auto-switched)
Noise	about 250 μA rms (20 MHz bandwidth measuring instrument)
Minimum Vertical Scale	1 mA/div
Amplitude Accuracy 1 VA	plus or minus 1 percent of reading plus or minus 10 mV (1 V/A)
Continuous Current No Adapter	5 A DC / 5 A rms
Peak Current No Adapter	15 A _{peak} (pulse widths about 10 μs)
Continuous Current With Adapter	30 A DC / 30 A rms
Peak Current With Adapter	40 A _{peak} (pulse widths about 10 μs)
Temperature Coefficient	plus or minus 2 percent or less from 0 C to 40 C
External Magnetic Field Effect	equivalent to a maximum of 20 mA in a DC to 60 Hz, 400 A/m field
Maximum Rated Power	3 VA with rated current
Probe Interface	AutoProbe (1 MOhm terminated)
Maximum Conductor Diameter	5 mm
Mxr Exr Current	15 A _{peak} without adapter; 40 A _{peak} with adapter on MXR/EXR main/secondary channels
Max Probes 3000xt No Adapter	2
Max Probes 3000xt With Adapter	4
Max Probes 4000× 6000xSSeries	4
Max Probes 9000 Series	2
Literature	Keysight N7026A 150 MHz AC/DC High Sensitivity Current Probes User's Guide
Degauss	auto demagnetization and offset calibration button on the probe
Bandwidth	DC to 150 MHz (minus 3 dB)

PARAMETER	VALUE
Rise Time	10 To 90: 2.67 ns calculated as $T_r = 0.4/\text{bandwidth}$

N7026A Specifications

PARAMETER	VALUE
Key Features	DC to 150 MHz flat bandwidth
Degauss and offset calibration button on the probe	External AC adapter extends current to 30 Arms / 40 Apeak
Technical Specifications	Instrument Type: Clamp-on AC/DC high-sensitivity current probe
Notes	Numeric rows from Keysight N7026A 150 MHz AC/DC High Sensitivity Current Probes User's Guide (N7026-97001 class) characteristics table.

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	Clamp-on AC/DC high-sensitivity current probe
Probe Bandwidth	DC to 150 MHz (minus 3 dB)
Rise Time 10 To 90	2.67 ns calculated as Tr = 0.4/bandwidth
Probe Sensitivity	1 V/A and 0.2 V/A (oscilloscope auto-switched)
Noise	about 250 uA rms (20 MHz bandwidth measuring instrument)
Minimum Vertical Scale	1 mA/div
Amplitude Accuracy 1 VA	plus or minus 1 percent of reading plus or minus 10 mV (1 V/A)
Continuous Current No Adapter	5 A DC / 5 A rms
Peak Current No Adapter	15 Apeak (pulse widths about 10 us)
Continuous Current With Adapter	30 A DC / 30 A rms
Peak Current With Adapter	40 Apeak (pulse widths about 10 us)
Temperature Coefficient	plus or minus 2 percent or less from 0 C to 40 C
External Magnetic Field Effect	equivalent to a maximum of 20 mA in a DC to 60 Hz, 400 A/m field
Maximum Rated Power	3 VA with rated current
Probe Interface	AutoProbe (1 MOhm terminated)
Maximum Conductor Diameter	5 mm
Mxr Exr Current	15 Apeak without adapter; 40 Apeak with adapter on MXR/EXR main/secondary channels
Max Probes 3000xt No Adapter	2
Max Probes 3000xt With Adapter	4
Max Probes 4000x 6000xSSeries	4
Max Probes 9000 Series	2
Literature	Keysight N7026A 150 MHz AC/DC High Sensitivity Current Probes User's Guide
Degauss	auto demagnetization and offset calibration button on the probe

Notes

Numeric rows from Keysight N7026A 150 MHz AC/DC High Sensitivity Current Probes User's Guide (N7026-97001 class) characteristics table.

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.