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Data Sheet

August 15, 2026

AGILENT / KEYSIGHT

Agilent/Keysight N2792A

HP Agilent Keysight N2792A Differential Probe 200 MHz The Keysight N2792A is a 200 MHz general-purpose differential probe with fixed 10:1 attenuation for high-speed power, vehicle bus, and digital system measurements. OEM data sheet 5990-4753EN lists 1 MOhm differential input resistance, 3.5 pF input capacitance, and USB or internal 9 V battery power into 50 Ohm BNC oscilloscope inputs. High-speed power measurements, vehicle bus debug, and general-purpose differential digital probing on 50 Ohm BNC scopes. The Keysight N2792A is a 200 MHz general-purpose differential probe with fixed 10:1 attenuation for high-speed power, vehicle bus, and digital system measurements. OEM data sheet 5990-4753EN lists 1 MOhm differential input resistance, 3.5 pF input capacitance, and USB or internal 9 V battery power into 50 Ohm BNC oscilloscope inputs. High-speed power measurements, vehicle bus debug, and general-purpose differential digital probing on 50 Ohm BNC scopes. Extreme temperature cable kit N7013A compatible at derated bandwidth



MODEL

**Agilent / Keysight
N2792A**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

N2792A

LISTING

<https://aumictechlabs.com/products/n2792a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Keysight N2792A is a 200 MHz differential probe designed for high-voltage signal measurements in power electronics and automotive applications. It delivers a 10:1 attenuation ratio with 1 MΩ input resistance and 3.5 pF input capacitance to minimize circuit loading. The probe connects to any 50 Ω BNC oscilloscope input and operates from either an internal 9V battery or

USB power. Technical Specifications Bandwidth: 200 MHz (–3 dB) Attenuation Ratio: 10:1 Risettime (10%–90%): 1.75 ns Gain Accuracy: $\pm 2\%$ Input Resistance: 1 M Ω Input Capacitance: 3.5 pF Maximum Rated Input Voltage: ± 60 V each side to ground Common-Mode Rejection Ratio: > -80 dB at 60 Hz Input-Referenced Noise: 6 mVrms BNC Cable Length: 120 cm Input Lead Length: 15 cm Housing: 111 $\times$ 22 $\times$ 14 mm Weight: 170 g (excluding battery and accessories) Key Features Low input capacitance reduces probe loading on test circuits Dual power options: 9V internal battery or USB bus power Compact probe head for access to confined measurement points Comprehensive accessory kit with hook clips, alligator clips, pincer clips, and micro IC clips Variable-pitch clip spacing accommodates different component geometries Extension leads available in 5 cm and 10 cm lengths DC blocking capacitors supplied for AC measurements (30 kHz–1 GHz, 100V rated) Typical Applications Power supply and converter topology testing Automotive system signal characterization Switch-mode power supply analysis High-voltage circuit troubleshooting Compatibility & Integration Operates with any ground-referenced oscilloscope featuring a 50 Ω BNC input. The N7013A and N7014A extreme temperature extension kits provide operation down to -25 $^{\circ}\text{C}$ and up to $+85$ $^{\circ}\text{C}$, though bandwidth derate to 70 MHz applies when these kits are employed. Operating altitude rating to 3,000 m.

N2792A Characteristics / Specifications

PARAMETER	VALUE
Instrument Type	Differential probe
Bandwidth	200 MHz (-3 dB)
Attenuation	10:1
Probe Rise Time	1.75 ns (10 percent to 90 percent)
Gain Accuracy	plus or minus 2 percent of reading
Absolute Max Rated Input Each Side To Ground	plus or minus 60 V
Maximum Common Mode Input Voltage	plus or minus 60 V
Input Resistance Differential	1 MOhm
Input Capacitance Differential	3.5 pF between inputs
Input Each Side To Ground Class	500 kOhm // 7 pF (each side to ground per OEM table)
Output Voltage Into 50 Ohm	plus or minus 1.5 V (driving 50 Ohm)
Offset Adjustment Range	-95 mV to plus 95 mV
Ac Cmrr	greater than -80 dB at 50/60 Hz; greater than -50 dB at 10 MHz
Noise Referenced To Input	6 mVrms probe only
Power Requirements	One 9 V battery or USB power cord (5 V to 9 V, 90 mA)
Scope Interface	50 Ohm BNC
Compatible Extreme Temp Kit	N7013A at derated bandwidths (-40 C to plus 85 C cable set)
Series Family	Keysight N2792A/N2818A class
Literature	Keysight 5990-4753EN
Accessory Kit	N2792-68700 clip hook alligator and USB power cord
Probe Tip Accessory Kit	N2792-68700 clip hook alligator USB power cord
Can Flexray Db9 Head	0960-2926 for N2790A N2791A N2792A class
Rise Time	1.75 ns (10 percent to 90 percent)

N2792A Specifications

PARAMETER	VALUE
HP Agilent Keysight N2792A Differential Probe 200 MHz	Overview
Applications	High-speed power measurements, vehicle bus debug, and general-purpose differential digital probing on 50 Ohm BNC scopes.
Key Features	Fixed 10:1 attenuation
USB or 9 V battery power	BNC interface to 50 Ohm scope inputs
Technical Specifications	Instrument Type: Differential probe

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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Notes	
From Keysight N2792A/N2818A 200 MHz and N2793A/N2819A 800 MHz Differential Probes data sheet 5990-4753EN.	

Confirm unit label and calibration certificate for limits.

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

788 S 500 E, Pleasant Grove, UT 84062
sales@aumictech.com · +1 (484) 841-9341
<https://aumictechlabs.com>

NIST-traceable calibration · SAM registered ·
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.