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Data Sheet

August 15, 2026

AGILENT / KEYSIGHT

Agilent/Keysight N2744A

Agilent Keysight N2744A T2A Probe Interface Adapter The Keysight (Agilent) N2744A is the T2A probe interface adapter used with Infiniium oscilloscope probe ecosystems. OEM Infiniium Oscilloscope Probes and Accessories literature lists the N2744A among probe adapters enabling T2A connectivity between supported probe amplifiers and Infiniium mainframes. Connecting compatible T2A-class probes to Infiniium oscilloscopes requiring the N2744A interface adapter. Listed in Infiniium probes and accessories catalogs The Keysight (Agilent) N2744A is the T2A probe interface adapter used with Infiniium oscilloscope probe ecosystems. OEM Infiniium Oscilloscope Probes and Accessories literature lists the N2744A among probe adapters enabling T2A connectivity between supported probe amplifiers and Infiniium mainframes. Connecting compatible T2A-class probes to Infiniium oscilloscopes requiring the N2744A interface adapter. Listed in Infiniium probes and accessories catalogs Works within Keysight Infiniium probe accessory ecosystem



MODEL

**Agilent / Keysight
N2744A**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

N2744A

LISTING

<https://aumictechlabs.com/products/n2744a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Agilent/Keysight N2744A is a Time Domain Reflectometry (TDR) probe designed for precision measurements in high-speed digital applications. It delivers superior signal fidelity for impedance characterization, signal integrity analysis, and performance verification of PCBs and interconnects. The probe combines precise calibration capabilities with solid construction to

ensure repeatable results in demanding laboratory and production environments. Technical Specifications Measurement Type: Time Domain Reflectometry (TDR) Signal Fidelity: Optimized for accurate high-frequency measurements and signal integrity preservation Calibration: Precise calibration procedures ensure measurement reproducibility Key Features Form Factor: Probe configuration Engineered for high-speed digital signal analysis Construction designed for demanding operational environments Typical Applications High-speed digital circuit characterization Impedance profile measurement and analysis Signal integrity impairment detection PCB and interconnect performance verification High-frequency signal fidelity assessment Compatibility & Integration The N2744A interfaces with Agilent/Keysight TDR measurement systems and compatible TDR oscilloscopes or analyzers. Specific instrument model compatibility should be verified against applicable Agilent/Keysight documentation.

N2744A Characteristics / Specifications

PARAMETER	VALUE
Model	N2744A
Instrument Type	T2A probe interface adapter
Product Category	Infiniium oscilloscope probe accessory
Interface Class	T2A
Oem Literature Family	Infiniium Oscilloscope Probes and Accessories
Manufacturer Line	Keysight Agilent
Adapter Function	probe interface bridging
Form Factor	probe adapter accessory
Compatible Ecosystem	Infiniium
Catalog Section Class	probe adapters
Primary Use	T2A connectivity
Brand Continuity	Agilent to Keysight
Accessory Type Code	interface adapter
Active Probe	no standalone amplifier
Bandwidth	determined by attached probe amp
Input Connector Class	T2A probe side
Output Connector Class	Infiniium probe interface
Ordering Model	N2744A
Family Document Reference	Infiniium probes accessories data sheet
Channel Count	adapter single path
Power Path	via scope probe interface

N2744A Specifications

PARAMETER	VALUE
Agilent Keysight N2744A T2A Probe Interface Adapter	Overview
Applications	Connecting compatible T2A-class probes to Infiniium oscilloscopes requiring the N2744A interface adapter.
Key Features	T2A probe interface adapter form
Technical Specifications	Model: N2744A

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/Agilent Infiniium Oscilloscope Probes and Accessories literature listing N2744A T2A probe interface adapter. Detailed electrical limits follow the attached probe amplifier datasheet.

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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<https://aumictechlabs.com>

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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.