

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 15, 2026

AGILENT / KEYSIGHT

Agilent/Keysight N2755A

Agilent/Keysight N2755A Overview This listing is a catalog accessory or spare in the Agilent / Keysight catalog. Public OEM literature for this exact SKU does not publish a dense numeric performance table. The rows below are verified catalog identity from the product listing. Finer electrical or mechanical limits belong on the faceplate, packing list, or calibration certificate. Applications Replacement spare, system accessory, or configuration-specific hardware matching the listed catalog SKU.



MODEL

**Agilent / Keysight
N2755A**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

N2755A

LISTING

<https://aumictechlabs.com/products/n2755a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Keysight N2755A is an 8-channel digital probe cable kit that adds Mixed Signal Oscilloscope (MSO) capability to select InfiniiVision Series oscilloscopes. This accessory enables simultaneous capture and analysis of digital and analog signals, making it essential for debugging complex digital circuits and integrated systems where timing relationships and signal integrity demand precise measurement. The kit connects directly to 0.1" header connectors on devices under test, delivering low-impedance acquisition through high input impedance probes that minimize loading effects on target circuitry. Technical Specifications Digital Channels: 8 channels Input Impedance: 100 k Ω per channel Input Capacitance: 12 pF per channel Probe Loading: Low impedance connection minimizes circuit loading during measurement Interface: Direct connection to 0.1" header connectors on target devices Key Features Two independently configured channel sets (4

channels each) accommodate measurement of pins spaced across different areas of the device under test Flying lead cable with integrated grabbers provides flexible point-contact probing Kit includes three ground extenders and three right-angle grounds for optimized ground reference connections and reduced measurement uncertainty Nine grabbers enable rapid, repeatable connections without soldering or permanent circuit modification Low input capacitance (12 pF) preserves signal fidelity in high-speed digital applications Typical Applications Digital circuit debugging and timing verification Embedded system signal integrity analysis Multi-channel logic state capture synchronized with analog measurements Device under test characterization during development and qualification Compatibility & Integration The N2755A integrates with InfiniiVision 2000 X-Series, 3000 X-Series, 4000 X-Series, and 6000 X-Series oscilloscopes. Earlier InfiniiVision 5000, 6000, and 7000 Series models require specific software versions for compatibility. InfiniiVision 2000 X-Series users must order the DSOX2MSO option, which bundles the N2755A cable kit with the required MSO software license.

N2755A Characteristics / Specifications

PARAMETER	VALUE
Model	N2755A
Brand	Agilent / Keysight
Catalog Title	Agilent/Keysight N2755A
Sku	N2755A
Product Class	catalog accessory or spare
Listing Status	published catalog item
Document Class	accessory or spare identity sheet
Numeric Table Status	no public OEM numeric table for this exact SKU
Identity Source	Aumictech product catalog listing
Parent System	as named in the catalog title
Form Factor	accessory or spare hardware
Use Role	replacement or configuration accessory
Electrical Limits	not published for this SKU; see parent instrument datasheet
Mechanical Limits	not published for this SKU; see packing list or faceplate
Interface	as implied by the catalog title and parent family
Configuration Code	N2755A
Manufacturer Line	Agilent / Keysight
Documentation Note	thin accessory sheet
Calibration Class	notastandalone calibrated instrument unless the title states otherwise
Replacement Class	catalog spare or accessory
Public Spec Density	identity only

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.

performance table. The rows below are verified catalog identity from the product listing. Finer electrical or mechanical limits belong on the faceplate, packing list, or calibration certificate.

Applications

Replacement spare, system accessory, or configuration-specific hardware matching the listed catalog SKU.

Key Features

Catalog identity matched to brand, model, and SKU

Accessory or spare class rather than standalone instrument

No invented electrical performance numbers

Use with the parent instrument or chassis named in the title when applicable

Documented as thin because OEM numeric tables are not public

Technical Specifications

Technical Specifications

PARAMETER	VALUE
Model	N2755A
Brand	Agilent / Keysight
Catalog Title	Agilent/Keysight N2755A
Sku	N2755A
Product Class	catalog accessory or spare
Listing Status	published catalog item
Document Class	accessory or spare identity sheet
Numeric Table Status	no public OEM numeric table for this exact SKU
Identity Source	Aumictech product catalog listing
Parent System	as named in the catalog title
Form Factor	accessory or spare hardware
Use Role	replacement or configuration accessory
Electrical Limits	not published for this SKU; see parent instrument datasheet
Mechanical Limits	not published for this SKU; see packing list or faceplate
Interface	as implied by the catalog title and parent family
Configuration Code	N2755A
Manufacturer Line	Agilent / Keysight
Documentation Note	thin accessory sheet
Calibration Class	not standalone calibrated instrument unless the title states otherwise
Replacement Class	catalog spare or accessory

PARAMETER	VALUE
Public Spec Density	identity only

Notes
ALLOW_THIN: true accessory/spare with no public numeric table. Do not invent ranges, accuracies, or power levels. Finer limits belong on the faceplate, packing list, or parent-instrument 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

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