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Data Sheet

August 15, 2026

AGILENT / KEYSIGHT

Agilent/Keysight N1298A

Agilent/Keysight N1298A 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
N1298A****CALIBRATION****Available on
request****CONDITION****Used****STATUS****In stock****RFQ / SKU****N1298A****LISTING**<https://aumictechlabs.com/products/n1298a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Agilent/Keysight N1298A is a high-current, ultra-low noise filter that extends the performance of Keysight B2960 Series low noise sources. It reduces voltage noise to exceptionally low levels, enabling precise characterization of noise-sensitive analog and RF devices. The filter connects directly to B2961A/B and B2962A/B outputs via banana jack connectors, delivering clean power with minimal residual impedance and phase distortion.

Technical Specifications

Maximum output voltage: 21 V DC
Maximum output current: 500 mA DC
Voltage noise: 10 μ Vrms (10 Hz – 20 MHz)
Noise density: 1 nVrms/ $\sqrt{\text{Hz}}$ at 10 kHz (with B2961B/62B)
Output/residual resistance (2-wire): 10 Ω nominal
Small signal bandwidth (2-wire): 23 Hz nominal
Maximum capacitive load (4-wire): 50 μ F

Key Features

- Ultra-low noise floor enables evaluation of noise-sensitive circuits and integrated circuits
- Direct integration with Keysight B2961A/B and B2962A/B low noise sources
- Achieves

noise density of 1 Vrms/√Hz at 10 kHz when attached to B2961B/62B output channels Two-wire and four-wire connection topology for flexible measurement configurations Banana jack interface with optional BNC connector output variants Typical Applications Analog-to-Digital Converter (ADC) evaluation and noise characterization Phase noise measurement of oscillator circuits including VCOs and crystal oscillators Characterization of analog and RF integrated circuits Power supply noise analysis in precision measurement systems Device testing requiring exceptionally low noise power delivery Compatibility & Integration The N1298A is engineered specifically for the Keysight B2961A/B and B2962A/B low noise sources, connecting directly to their output channels via banana jacks. Configuration options support both 2-wire and 4-wire measurement topologies, accommodating capacitive loads up to 50 μF in 4-wire mode.

N1298A Characteristics / Specifications

PARAMETER	VALUE
Model	N1298A
Brand	Agilent / Keysight
Catalog Title	Agilent/Keysight N1298A
Sku	N1298A
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	N1298A
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	N1298A
Brand	Agilent / Keysight
Catalog Title	Agilent/Keysight N1298A
Sku	N1298A
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	N1298A
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

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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.