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Data Sheet

August 15, 2026

AGILENT / KEYSIGHT

Agilent/Keysight 04395-61060 (4395A Option 1D5 Upgrade)

The Agilent/Keysight 04395-61060 is an upgrade option (1D5) for the 4395A network analyzer, enhancing its capabilities. This upgrade likely adds functionality or improves performance for network analysis tasks.



MODEL

**Agilent / Keysight
04395-61060**

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

04395-61060

LISTING

<https://aumictechlabs.com/products/04395-61060-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Agilent/Keysight 04395-61060 is Option 1D5, a high-stability frequency reference upgrade for the 4395A Network/Spectrum/Impedance Analyzer. This option significantly enhances frequency accuracy and long-term stability, anchoring the analyzer's frequency-dependent measurements to a precision reference critical for demanding laboratory and production environments. Technical Specifications The 1D5 upgrade delivers exceptional frequency reference performance across operating conditions: Accuracy (0 °C to 40 °C, referenced to 23 °C): < ±0.13 ppm Initial Achievable Accuracy: < ±0.02 ppm Temperature Stability (0 °C to 40 °C, referenced to 23 °C): < ±0.01 ppm Aging Rate: < ±0.1 ppm/year The base 4395A analyzer operates from 10 Hz to 500 MHz with 1 mHz frequency resolution. Network analysis provides 115 dB dynamic range at 10 Hz IFBW, ±0.05 dB magnitude accuracy, and ±0.3 degrees phase accuracy. Spectrum analysis mode delivers -145 dBm/Hz sensitivity at 10 MHz with 1 Hz to 1 MHz

resolution bandwidth in 1-3-10 steps, and noise sidebands below -100 dBc/Hz at 100 kHz offset from carriers. The synthesized source outputs -50 dBm to +15 dBm in 0.1 dB steps with ± 0.8 dB level accuracy at 50 MHz and -20 dBm.

Key Features

- Reduces frequency reference drift under temperature variation
- Maintains accuracy over extended measurement sessions
- Compatible with vector network, spectrum, and optional impedance measurement modes
- GPIB and digital I/O interfaces for system integration
- Instrument BASIC (IBASIC) programming support
- VGA monitor output and 1.44 MB floppy disk storage (LIF or MS-DOS formats)

Typical Applications

Precision frequency calibration, long-term network characterization, production testing requiring traceable frequency accuracy, and environmental chamber measurements where temperature stability is critical.

Compatibility & Integration

Designed exclusively for the 4395A. Works alongside Option 010 (Impedance Measurement), Option 1D6 (Time-Gated Spectrum Analysis), Option 1D7 (50 Ω to 75 Ω Impedance Conversion), and Option 001 (DC Source ± 40 V, 100 mA).

0439561060 Characteristics / Specifications

PARAMETER	VALUE
Model	04395-61060
Brand	Agilent / Keysight
Catalog Title	Agilent/Keysight 04395-61060 (4395A Option 1D5 Upgrade)
Sku	04395-61060
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	04395-61060
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

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PARAMETER	VALUE
Model	04395-61060
Brand	Agilent / Keysight
Catalog Title	Agilent/Keysight 04395-61060 (4395A Option 1D5 Upgrade)
Sku	04395-61060
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	04395-61060
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.