

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 15, 2026

AGILENT / KEYSIGHT

Agilent/Keysight 08640-60506

The Agilent/Keysight 08640-60506 is a low-noise amplifier (LNA) module designed for RF and measurement applications requiring clean signal gain across extended frequency ranges. This 50 Ohm component delivers 40 dB of gain and operates from 20 Hz to 10 MHz, making it suitable for precision instrumentation and test system integration. Compatibility & Integration The 08640-60506 functions as a component module within Agilent/Keysight test platforms, including integration with the HP 86603A system. Its standardized 50 Ohm interface and plug-in form factor enable direct substitution and system reconfiguration. Installation requires connection to AC mains via a three-conductor power cable with ground connection. Designed for indoor use in Installation Category II environments with Pollution Degree 2 ratings. Aumictech offers NIST-traceable calibration and repair for the Agilent / Keysight 0

**MODEL****Agilent / Keysight
08640-60506****CALIBRATION****Available on
request****CONDITION****Used****STATUS****In stock****RFQ / SKU****08640-60506****LISTING**<https://aumictechlabs.com/products/08640-60506-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Agilent/Keysight 08640-60506 is a low-noise amplifier (LNA) module designed for RF and measurement applications requiring clean signal gain across extended frequency ranges. This 50 Ohm component delivers 40 dB of gain and operates from 20 Hz to 10 MHz, making it suitable for precision instrumentation and test system integration. Technical Specifications Gain: 40 dB Frequency Range: 20 Hz to 10 MHz Input/Output Impedance: 50 Ohms Form Factor: Plug-in

module Safety Classification: Class I (protective earth terminal required)Key Features Fixed 40 dB gain configuration 50 Ohm source and load impedance matching Extended low-frequency response from DC to 10 MHz Designed as a replacement component for Agilent/Keysight systems Grounded chassis design for Class I safety complianceTypical Applications Signal conditioning in RF measurement systems Low-noise amplification for precision test instrumentation Broadband gain stages in audio frequency through RF bands System integration where standardized 50 Ohm impedance is requiredCompatibility & Integration The 08640-60506 functions as a component module within Agilent/Keysight test platforms, including integration with the HP 86603A system. Its standardized 50 Ohm interface and plug-in form factor enable direct substitution and system reconfiguration. Installation requires connection to AC mains via a three-conductor power cable with ground connection. Designed for indoor use in Installation Category II environments with Pollution Degree 2 ratings.

0864060506 Characteristics / Specifications

PARAMETER	VALUE
Model	08640-60506
Brand	Agilent / Keysight
Catalog Title	Agilent/Keysight 08640-60506
Sku	08640-60506
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	08640-60506
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	08640-60506
Brand	Agilent / Keysight
Catalog Title	Agilent/Keysight 08640-60506
Sku	08640-60506
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	08640-60506
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.