

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 5, 2026

KEYSIGHT

Keysight (Agilent) 86242A RF Plug-In

The Keysight/Agilent/HP 86242A is an RF plug-in module for the 8620-series sweep oscillator mainframes (e.g. 8620C/8620A family). It provides swept/CW RF output in the microwave C/X-band region; published coverage for the 86242A is typically about 5.9 GHz to 9.0 GHz. Exact leveled power and residual FM depend on mainframe and option configuration—confirm on the unit label and 8620-series documentation. Microwave swept-source stimulus; LO/drive for microwave component test with 8620 mainframe. Instrument Type: RF Plug-In (Sweep Oscillator) Frequency Coverage: approximately 5.9 GHz to 9.0 GHz Host: 8620-series sweep oscillator mainframe Prefer HP 8620/86242A operating note for leveled power, markers, and residual FM specifications.

No photo

MODEL

Keysight 86242A

CALIBRATION

**N/A — off-catalog
OEM datasheet**

CONDITION

**See OEM
documentation**

STATUS

**Not listed on
Aumictech
inventory**

RFQ / SKU

86242A

LISTING

**Off-catalog — OEM dat
asheet only**

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

Features & description

From manufacturer datasheet

Features

- RF plug-in for HP/Agilent 8620-series mainframes
- Frequency: approximately 5.9 GHz to 9.0 GHz
- CW and swept operation (mainframe-controlled)
- Compatible with 8620C-class sweep oscillators

86242A Characteristics / Specifications

PARAMETER	VALUE
Model	86242A
Manufacturer	Keysight Technologies (Agilent / HP)
Instrument Type	RF Plug-In (Sweep Oscillator)
Family	8620 Series RF Plug-Ins
Alias	86242A; HP 86242A; Agilent 86242A RF
Frequency Coverage	approximately 5.9 GHz to 9.0 GHz
Host	8620-series sweep oscillator mainframe Operational Notes Prefer HP 8620/86242A operating note for leveled power, markers, and residual FM specifications.
Frequency	approximately 5.9 GHz to 9.0 GHz

86242A Specifications

PARAMETER	VALUE
Applications	Microwave swept-source stimulus; LO/drive for microwave component test with 8620 mainframe.
Key Features	- RF plug-in for HP/Agilent 8620-series mainframes
Technical Specifications	Model: 86242A
Operational Notes	Prefer HP 8620/86242A operating note for leveled power, markers, and residual FM specifications.

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

Specifications

PARAMETER	VALUE
Model	86242A
Manufacturer	Keysight Technologies (Agilent / HP)
Instrument Type	RF Plug-In (Sweep Oscillator)
Family	8620 Series RF Plug-Ins
Alias	86242A; HP 86242A; Agilent 86242A

RF

Frequency Coverage: approximately 5.9 GHz to 9.0 GHz

Host: 8620-series sweep oscillator mainframe

Operational Notes

Prefer HP 8620/86242A operating note for leveled power, markers, and residual FM specifications.

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: N/A — off-catalog OEM datasheet. See OEM documentation · Not listed on Aumictech inventory.

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.