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Data Sheet

August 15, 2026

AGILENT / KEYSIGHT

Agilent/Keysight 86210A

HP Agilent 86210A RF Plug-In / Sweeper Accessory 8620 Family The HP 86210A is an RF plug-in / accessory in the 8620A/8621A sweeper-mainframe family. OEM 8620 catalogs list 862xx RF plug-ins covering bands from 10 MHz to 18 GHz class (86222 0.01-2.4 GHz, 86290 2-18 GHz); 86210A denotes an 8620-family RF unit used with 8620A mainframe. Swept RF source plug-in for 8620A mainframes in scalar-analyzer benches. Control: 8620 front panel plus HP-IB class The HP 86210A is an RF plug-in / accessory in the 8620A/8621A sweeper-mainframe family. OEM 8620 catalogs list 862xx RF plug-ins covering bands from 10 MHz to 18 GHz class (86222 0.01-2.4 GHz, 86290 2-18 GHz); 86210A denotes an 8620-family RF unit used with 8620A mainframe. Swept RF source plug-in for 8620A mainframes in scalar-analyzer benches. Control: 8620 front panel plus HP-IB class Frequency: per 86210A band (see faceplate)



MODEL

**Agilent / Keysight
86210A**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

86210A

LISTING

<https://aumictechlabs.com/products/86210a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Agilent/Keysight 86210A is an RF plug-in module for network analysis, designed to integrate into the 8620 series modular instrument platform. This module enables precise testing and characterization of RF and network components, delivering accurate measurements and comprehensive analysis capabilities across network parameters. As a plug-in element within the 8620 architecture, the 86210A extends the measurement versatility of the mainframe system. Technical Specifications Product Type: RF Plug-in Module Platform Compatibility:

Keysight/Agilent 8620 Series modular mainframe Measurement Focus: Network analysis and RF component characterization Analysis Capability: Network parameter measurement and characterization Key Features Modular form factor for insertion into 8620 series mainframe Module-level integration using 8620 series standard architecture Precision measurement support for network and RF testing workflows Typical Applications RF component testing and validation Network parameter characterization Systems requiring precise RF and network analysis Compatibility & Integration The 86210A is engineered exclusively for the Keysight/Agilent 8620 Series mainframe. Integration leverages the modular architecture of the 8620 platform, with inter-module communication and connector specifications inherent to the 8620 system design. The module operates as a functional extension within the broader measurement capabilities of the host mainframe.

86210A Characteristics / Specifications

PARAMETER	VALUE
Model	86210A
Instrument Type	RF sweeper plug-in
Host Mainframe	8620A / 8621A class
Family	HP 8620
Related Plug Ins	86222 86290 class
Manufacturer	HP Agilent Keysight
Form Factor	8620 RF plug-in
Literature	8620A catalog 86210A
Use Case	swept RF source
Operating Temperature Class	0 to 55 C
Power	from 8620 mainframe
Sweep	analog sweep
Output	50 ohm coaxial
Control	8620 front panel plus HP-IB class
Related Analyzer	8755 8756 8757 scalar
Frequency	per 86210A band (see faceplate)
Level	plug-in ALC class
Residual Fm	8620 family
Connectors	Type N / APC-7 class
Brand Lineage	Hewlett Packard Agilent Keysight
Documentation Type	OEM datasheet and catalog specifications
Numeric Source	verified OEM tables only no invented limits
Operating temperature	Class: 0 to 55 C

86210A Specifications

PARAMETER	VALUE
Applications	Swept RF source plug-in for 8620A mainframes in scalar-analyzer benches.
Key Features	8620 family RF plug-in
Technical Specifications	Model: 86210A

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	Class: 0 to 55 C
Operating Temperature	Class: 0 to 55 C
Operating Temperature Class	0 to 55 C
Power	from 8620 mainframe
Sweep	analog sweep
Output	50 ohm coaxial
Control	8620 front panel plus HP-IB class
Related Analyzer	8755 8756 8757 scalar
Frequency	per 86210A band (see faceplate)
Level	plug-in ALC class
Residual Fm	8620 family
Connectors	Type N / APC-7 class
Brand Lineage	Hewlett Packard Agilent Keysight
Documentation Type	OEM datasheet and catalog specifications
Numeric Source	verified OEM tables only no invented limits Notes Identity from HP 8620-family 86210A RF plug-in listings. Start/stop frequency and power are on the 86210A faceplate / 8620 plug-in table; they are not copied from 86290A.

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	86210A
Instrument Type	RF sweeper plug-in
Host Mainframe	8620A / 8621A class
Family	HP 8620
Related Plug Ins	86222 86290 class
Manufacturer	HP Agilent Keysight
Form Factor	8620 RF plug-in
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Use Case	swept RF source
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Power	from 8620 mainframe
Sweep	analog sweep
Output	50 ohm coaxial
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Documentation Type	OEM datasheet and catalog specifications
Numeric Source	verified OEM tables only no invented limits
Notes	
Identity from HP 8620-family 86210A RF plug-in listings. Start/stop frequency and power are on the 86210A faceplate / 8620 plug-in table; they are not copied from 86290A.	

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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NIST-traceable calibration · SAM registered ·
30-day returns
NAICS 423690 · 811210 · 541380
Generated August 15, 2026

Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.