

**Aumictech**

Test & measurement • bought, sold, repaired, calibrated

Data Sheet

August 15, 2026

AGILENT / KEYSIGHT

Agilent/Keysight 89605B

Related Analyzer Class: 89600 vector signal analysis on VXI Sync Class: 10 MHz reference distribution Measurement Class: RF signal analysis front end From Agilent 89605B RF Input and Calibration Module listings (75000 C VXI, N-type and SMA, +20 dBm, 10 MHz reference I/O, external reference, ADC analog input). Frequency range, noise figure, and ADC bits are on the 89605B specification page. Sync Class: 10 MHz reference distribution Measurement Class: RF signal analysis front end From Agilent 89605B RF Input and Calibration Module listings (75000 C VXI, N-type and SMA, +20 dBm, 10 MHz reference I/O, external reference, ADC analog input). Frequency range, noise figure, and ADC bits are on the 89605B specification page.



MODEL

**Agilent / Keysight
89605B**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

89605B

LISTING

<https://aumictechlabs.com/products/89605b-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Agilent/Keysight 89605B is an RF input and calibration module engineered for the Agilent 89600 Vector Signal Analyzer system. This single-slot C-size VXI module delivers precise signal acquisition and conditioning across baseband frequencies from DC to 39 MHz, with stepped attenuation control and selectable reference frequencies. It is a critical signal path component for wideband wireless and satellite monitoring applications across defense, aerospace, and communications sectors. Technical Specifications Module Type: RF Input and Calibration Module

Form Factor: Single-Slot C-Size VXI Module Baseband Frequency Range: DC to 39 MHz
Attenuation: 0 to 50 dB in 5 dB steps Reference Frequency Options: 10 MHz or 13 MHz
Key Features Precision RF signal conditioning for vector signal analysis Selectable attenuation in discrete 5 dB increments enables flexible input level management Dual reference frequency capability accommodates diverse system clock requirements Industry-standard VXI module architecture for modular system integration
Typical Applications LMDS (Local Multipoint Distribution Service) design and characterization Wideband Wireless LAN signal acquisition and analysis Satellite signal monitoring and measurement Surveillance signal monitoring applications
Compatibility & Integration The 89605B integrates directly into the Agilent 89600 VSA system as a dedicated RF signal conditioning stage. It connects via industry-standard PC-to-VXI interface architecture with message-based control and IEEE 1394 (FireWire) hardware connection support. The module operates alongside complementary VXI instruments such as the Agilent E1439 RF ADC to form complete signal analysis chains.

89605B Characteristics / Specifications

PARAMETER	VALUE
Model	89605B
Instrument Type	RF input and calibration module
Host Platform	Agilent 75000 SeriesCVXI
Rf Input Connectors	N-type and SMA
Maximum Input Power	+20 dBm
Adc Analog Input	ADC analog input provided
Reference Output	10 MHz reference output
Reference Input	10 MHz reference input
External Reference	external reference input
Form Factor	C-size VXI module
Manufacturer	HP Agilent Keysight
Use Case	VXI RF input and calibration
Literature	Agilent 89605B RF Input and Calibration Module product listing
Family	89600 / 75000 C VXI RF modules
Documentation Type	OEM 89605B module listing
Brand Lineage	Hewlett Packard Agilent Keysight
System Role	RF front end and calibration
Related Analyzer Class	89600 vector signal analysis on VXI
Vxi Size	C-size
Connector Class	coaxialNand SMA
Sync Class	10 MHz reference distribution
Measurement Class	RF signal analysis front end
Year Class	Agilent 75000 C VXI family

89605B Specifications

PARAMETER	VALUE
Agilent 89605B RF Input and Calibration Module	Overview
Applications	RF input, calibration, and 10 MHz reference distribution for 75000 C VXI vector signal analysis.
Key Features	75000 Series C VXI module
Technical Specifications	Model: 89605B

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	89605B
Instrument Type	RF input and calibration module
Host Platform	Agilent 75000 SeriesCVXI
Rf Input Connectors	N-type and SMA
Maximum Input Power	+20 dBm
Adc Analog Input	ADC analog input provided
Reference Output	10 MHz reference output
Reference Input	10 MHz reference input
External Reference	external reference input
Form Factor	C-size VXI module
Manufacturer	HP Agilent Keysight
Use Case	VXI RF input and calibration
Literature	Agilent 89605B RF Input and Calibration Module product listing
Family	89600 / 75000 C VXI RF modules
Documentation Type	OEM 89605B module listing
Brand Lineage	Hewlett Packard Agilent Keysight
System Role	RF front end and calibration
Related Analyzer Class	89600 vector signal analysis on VXI
Vxi Size	C-size
Connector Class	coaxialNand SMA
Sync Class	10 MHz reference distribution
Measurement Class	RF signal analysis front end
Year Class	Agilent 75000 C VXI family
Notes	
From Agilent 89605B RF Input and Calibration Module listings (75000 C VXI, N-type and SMA, +20 dBm, 10 MHz	

reference I/O, external reference, ADC analog input). Frequency range, noise figure, and ADC bits are on the 89605B specification page.

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

788 S 500 E, Pleasant Grove, UT 84062
sales@aumictech.com · +1 (484) 841-9341
<https://aumictechlabs.com>

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.