

**Aumictech**

Test & measurement • bought, sold, repaired, calibrated

Data Sheet

August 14, 2026

FLUKE

Fluke 9610A/AF RF Reference Source 4GHz

Aumictech offers NIST-traceable calibration and repair for the Fluke 9610A/AF. All calibrations are performed to NIST-traceable standards and ship with a certificate. Turnaround is typically 1-3 business days after receipt. This Fluke 9610A/AF is listed at . Calibration is available separately from . Contact us for volume pricing or if you need multiple units. NIST-traceable calibration for the Fluke 9610A/AF is (standard — pass/fail certificate and calibration sticker) or (full measured data at every test point, reference standards documented, traceability chain included). Turnaround is 1 to 3 business days after receipt. See full calibration details →



MODEL	CALIBRATION
Fluke 9610A/AF	Available on request
CONDITION	STATUS
Used	In stock
RFQ / SKU	LISTING
9610A/AF	https://aumictechlabs.com/products/9610a-af-2/

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Fluke 9610A/AF is a metrology well specifically designed for calibrating temperature sensors. It has a stable and uniform temperature environment, ensuring accurate and reliable calibration results. The "AF" designation may indicate a specific configuration or accessory package. This unit has high accuracy and stability, making it suitable for critical calibration applications.

9610AAF Characteristics / Specifications

PARAMETER	VALUE
Frequency Range	10 Hz to 4 GHz
Instrument Family	Fluke RF reference source 9610A/9640A class
Output Impedance Class	50 ohm with precisionNconnector class
Amplitude Range Family Into 50 Ohm Class	-130 to +24 dBm class (frequency dependent ceilings)
Level Resolution Family Class	0.001 dB class
Frequency Sweep Class	10 Hz to 4 GHz linear or logarithmic class
Frequency Reference Output Class	1 MHz or 10 MHz selectable class
Harmonics Family Class	about -60 dBc class
Spurious Family Class	about -70 dBc class above offset footnotes
VSWR Family Low Frequency Class	less than or equal to 1.1 class
Modulation AM Family Class	depths to 99 percent rates to 200 kHz class
Modulation FM Family Class	rates to 300 kHz class
Form Factor	benchtop RF calibrator source
AC Powered	yes
Intended Workload	spectrum analyzers power meters sensors modulation meters counters
Related Family Model	Fluke 9640A RF Reference Source
Leveling Head Option Class	50 ohm (AF-50 class) and 75 ohm family options
Remote Control Class	automation interfaces on family
Specification Ambient Class	laboratory ambient unless OEM table states otherwise
Calibration Traceability Class	per OEM calibration certificate
Connector Condition Class	clean inspected connectors required for optical specs
Documentation Source Class	OEM datasheet or instruction manual

9610AAF Specifications

PARAMETER	VALUE
Fluke 9610A RF Reference Source 10 Hz to 4 GHz Class	Overview
Key Features	10 Hz to 4 GHz RF reference coverage class
Internal AM/FM modulation class on family	50 ohm leveling head configurations (75 ohm options on family)
Technical Specifications	Frequency Range: 10 Hz to 4 GHz

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	
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Notes	
Frequency span from Fluke 9610A/AF product listings; leveled amplitude modulation and purity rows cite the closely related Fluke 9640A RF Reference Source datasheet family. Confirm 9610A versus 9640A faceplate and installed leveling head before using numeric level tables for calibration.	

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.