

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 12, 2026

HP

HP 70429A W OPT K15

The HP 70429A is a wideband RF amplifier module with Option K15, offering high gain and low noise amplification for various RF applications. It operates within a specific frequency range and provides a stable and reliable signal amplification solution.



MODEL

HP 70429A

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

70429A

LISTING

<https://aumictechlabs.com/products/70429a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The HP 70429A W OPT K15 is a wideband RF amplifier module engineered to deliver high gain and low noise amplification across specified frequency ranges. Option K15 provides performance enhancements tailored for demanding RF environments. This module integrates into HP/Agilent RF test systems to enable reliable signal amplification and measurement applications. Technical Specifications The module operates with standard 50 Ohm RF impedance matching and requires a dedicated power supply for operation. Electrical parameters including gain, noise figure, output power, and input/output impedance are determined by the K15 configuration. Key Features High gain amplification Low noise performance Configuration optimized for RF signal processing Standard 50 Ohm impedance compatibility Typical Applications RF signal amplification Test and measurement instrumentation Wideband RF systems Compatibility & Integration The HP 70429A W OPT K15 integrates with complementary HP/Agilent RF modules including the 11721A Frequency Doubler, 11612A Bias Network, 11692D Coaxial Dual-Directional Coupler, and works within broader

measurement systems such as the 3852A Data Acquisition and Control System and 4142B Modular DC Source/Monitor.

Features & description

From manufacturer datasheet

Key Features

High gain amplification Low noise performance Configuration optimized for RF signal processing
Standard 50 Ohm impedance compatibility

HP 70429A — Repair & Calibration Service

Aumictech offers NIST-traceable calibration and repair for the HP 70429A. All calibrations are performed to NIST-traceable standards and ship with a certificate. Turnaround is typically 1–3 business days after receipt. Standard Cal Pass/fail cert + NIST sticker Cal with Data Full NIST cert with measured values [Request Calibration](#) → [Request Repair Quote](#) →

HP 70429A price

This HP 70429A is listed at . Calibration is available separately from . Contact us for volume pricing or if you need multiple units.

HP 70429A calibration cost

NIST-traceable calibration for the HP 70429A 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 →

Applications

RF signal amplification Test and measurement instrumentation Wideband RF systems Compatibility & Integration The HP 70429A W OPT K15 integrates with complementary HP/Agilent RF modules including the 11721A Frequency Doubler, 11612A Bias Network, 11692D Coaxial Dual-Directional Coupler, and works within broader measurement systems such as the 3852A Data Acquisition and Control System and 4142B Modular DC Source/Monitor.

Unit notes

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Wideband RF systems
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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.

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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
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<https://aumictechlabs.com>

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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.