

**Aumictech**

Test & measurement • bought, sold, repaired, calibrated

Data Sheet

August 15, 2026

AGILENT / KEYSIGHT

Agilent / Keysight U3022AM04 26.5 GHz, 6-Port Mechanical Test Set

Keysight U3022AM04 26.5 GHz 6 Port Mechanical Test Set The Keysight U3022AM04 is a 26.5 GHz 6-port mechanical test set for PNA/PNA-X. OEM U3022A series configuration data list 26.5 GHz, 6 ports, mechanical switching, and 3.5 mm class connectors for expanding a 2-port PNA. Six-port S-parameter characterization to 26.5 GHz. Instrument Type: Mechanical multiport test set The Keysight U3022AM04 is a 26.5 GHz 6-port mechanical test set for PNA/PNA-X. OEM U3022A series configuration data list 26.5 GHz, 6 ports, mechanical switching, and 3.5 mm class connectors for expanding a 2-port PNA. Six-port S-parameter characterization to 26.5 GHz. Instrument Type: Mechanical multiport test set Sibling Twenty Port: U3042AM20 26.5 GHz 20-port



MODEL

**Agilent / Keysight
U3022AM04**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

U3022AM04

LISTING

<https://aumictechlabs.com/products/u3022am04-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Keysight U3022AM04 is a 6-port mechanical test set engineered for RF and microwave characterization across 300 kHz to 26.5 GHz. This multiport instrument delivers precision measurements and calibration capabilities essential for network analysis of complex devices in demanding RF environments. With six high-quality ports and mechanical construction optimized

for repeatability, it is a front-end solution for extended multiport measurement systems. Technical Specifications Frequency Range: 300 kHz – 26.5 GHz Port Count: 6 ports Weight: 25 lbs Operating Humidity: Up to 80% relative humidity at 31 °C, decreasing linearly to 50% relative humidity at 40 °C Installation Category: II Pollution Degree: 2 Key Features High-precision connectors support repeatable multiport measurements across the full operating range Mechanical design engineered for stable performance in temperature-controlled environments Requires ambient temperature maintenance within ± 1 °C of calibration temperature for accuracy-enhanced measurements Cabinet installation demands unrestricted convection; forced convection required when total power dissipation exceeds 800 watts RF power levels must be maintained 3 dB below maximum to prevent measurement instability and device damage Typical Applications Multiport device characterization and network analysis RF and microwave component testing and calibration S-parameter and transmission measurements System-level validation of passive multiport networks Compatibility & Integration The U3022AM04 integrates with Keysight PNA, PNA-L, or PNA-X network analyzers to create complete 8- or 10-port full crossbar measurement systems. When combined with an analyzer, both instruments must maintain ambient temperature within ± 1 °C of the temperature at calibration for accuracy-enhanced operation.

U3022AM04 Characteristics / Specifications

PARAMETER	VALUE
Model	U3022AM04
Instrument Type	Mechanical multiport test set
Frequency Range	to 26.5 GHz
Port Count	6
Host Analyzers	Keysight PNA / PNA-X
Switching	mechanical
Connector Class	3.5 mm class
Family	U3022A multiport test sets
Sibling Twenty Port	U3042AM20 26.5 GHz 20-port
Sibling Ten Port	U3022AE10 26.5 GHz 10-port
Manufacturer	HP Agilent Keysight
Mechanical Package	external mechanical test set
Application Class	multiport S-parameters
Documentation	Keysight U3022A series configuration guide U3022AM04 row
Minimum Frequency Class	PNA start frequency as configured
Maximum Frequency	26.5 GHz
Calibration	multiport cal with the PNA firmware
Control	PNA-X drives the test set
Duty	continuous multiport sweep
System Impedance	50 ohm
Use Case	multiport passive networks to 26.5 GHz
Port Type	mechanical coaxial test ports

U3022AM04 Specifications

PARAMETER	VALUE
Keysight U3022AM04 26.5 GHz 6 Port Mechanical Test Set	Overview
Applications	Six-port S-parameter characterization to 26.5 GHz.
Key Features	6 mechanical test ports
Technical Specifications	Model: U3022AM04
Notes	From Keysight U3022A mechanical test-set listings, U3022AM04 26.5 GHz 6-port row (queue title). Confirm port mapping in the PNA firmware.

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	U3022AM04
Instrument Type	Mechanical multiport test set
Frequency Range	to 26.5 GHz
Port Count	6
Host Analyzers	Keysight PNA / PNA-X
Switching	mechanical
Connector Class	3.5 mm class
Family	U3022A multiport test sets
Sibling Twenty Port	U3042AM20 26.5 GHz 20-port
Sibling Ten Port	U3022AE10 26.5 GHz 10-port
Manufacturer	HP Agilent Keysight
Mechanical Package	external mechanical test set
Application Class	multiport S-parameters
Documentation	Keysight U3022A series configuration guide U3022AM04 row
Minimum Frequency Class	PNA start frequency as configured
Maximum Frequency	26.5 GHz
Calibration	multiport cal with the PNA firmware
Control	PNA-X drives the test set
Duty	continuous multiport sweep
System Impedance	50 ohm
Use Case	multiport passive networks to 26.5 GHz
Port Type	mechanical coaxial test ports
Notes	
From Keysight U3022A mechanical test-set listings, U3022AM04 26.5 GHz 6-port row (queue title). Confirm port mapping in the PNA firmware.	

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.