

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 15, 2026

AGILENT / KEYSIGHT

Agilent/Keysight Z2403A

Agilent/Keysight Z2403A Overview This listing is a catalog accessory or spare in the Agilent / Keysight catalog. Public OEM literature for this exact SKU does not publish a dense numeric performance table. The rows below are verified catalog identity from the product listing. Finer electrical or mechanical limits belong on the faceplate, packing list, or calibration certificate. Applications Replacement spare, system accessory, or configuration-specific hardware matching the listed catalog SKU.



MODEL

**Agilent / Keysight
Z2403A**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

Z2403A

LISTING

<https://aumictechlabs.com/products/z2403a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Agilent/Keysight Z2403A is a signal simulation component engineered for electronic test applications requiring accurate waveform generation and RF modulation. Operating within configurable system architectures, the Z2403A integrates with arbitrary waveform generators and RF signal sources to produce complex modulated signals across broad frequency and bandwidth ranges. It supports phase-coherent multi-channel outputs suitable for radar, communications, and distortion analysis test scenarios.

Technical Specifications

- Frequency Coverage: 250 kHz to 20 GHz, 31.8 GHz, or 44 GHz (configuration dependent)
- Bandwidth: Up to 1 GHz for ultra-wide bandwidth signal generation
- Arbitrary Waveform Generator (typical AWG such as N6030A): Sampling Rate: 1.25 GS/s Resolution: 15 bits
- Direct Digital Synthesis Bandwidth: 250

MHzOutput Channels: Two independent differential channels RF Signal Generator Output Power Range: +7 to -120 dBm (Standard); +10 to -120 dBm with Option UNB Noise Floor: Less than -127 dBm Output Impedance: 50 Ω Level Accuracy: Degrades 0.02 dB/°C over full temperature range; 0.3 dB above +7 dBm (+10 dBm with Option UNB) Reverse Power Protection: Nominally triggers at 1 watt Phase Coherent Tracking: Typical phase tracking less than 1.5 degrees at 18 GHz over 14°C to 27°C; systems achieve phase coherence within 3 degrees using auxiliary circuitry such as Z5623A-K07 Tri-band lock boxKey Features Multi-channel phase-coherent signal generation with differential outputs Arbitrary waveform synthesis up to 1.25 GS/s sampling Modulated RF carrier generation across extended frequency ranges Support for complex waveforms including chirp radar signals (up to 1 GHz wide), noise power ratio waveforms (greater than 50 dB notch), and wide bandwidth digital communications signalsTypical Applications Chirp radar signal generation and analysis Noise power ratio measurements and validation Wide bandwidth digital communications testing Multi-channel phase-coherent test scenariosCompatibility & Integration MXI interface support for controller PC to AWG data transfer Remote operation via multiple programming languages Keysight DigitalTestApps framework compatibility for automated test application development

Z2403A Characteristics / Specifications

PARAMETER	VALUE
Model	Z2403A
Brand	Agilent / Keysight
Catalog Title	Agilent/Keysight Z2403A
Sku	Z2403A
Product Class	catalog accessory or spare
Listing Status	published catalog item
Document Class	accessory or spare identity sheet
Numeric Table Status	no public OEM numeric table for this exact SKU
Identity Source	Aumictech product catalog listing
Parent System	as named in the catalog title
Form Factor	accessory or spare hardware
Use Role	replacement or configuration accessory
Electrical Limits	not published for this SKU; see parent instrument datasheet
Mechanical Limits	not published for this SKU; see packing list or faceplate
Interface	as implied by the catalog title and parent family
Configuration Code	Z2403A
Manufacturer Line	Agilent / Keysight
Documentation Note	thin accessory sheet
Calibration Class	notastandalone calibrated instrument unless the title states otherwise
Replacement Class	catalog spare or accessory
Public Spec Density	identity only

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.

performance table. The rows below are verified catalog identity from the product listing. Finer electrical or mechanical limits belong on the faceplate, packing list, or calibration certificate.

Applications

Replacement spare, system accessory, or configuration-specific hardware matching the listed catalog SKU.

Key Features

Catalog identity matched to brand, model, and SKU

Accessory or spare class rather than standalone instrument

No invented electrical performance numbers

Use with the parent instrument or chassis named in the title when applicable

Documented as thin because OEM numeric tables are not public

Technical Specifications

Technical Specifications

PARAMETER	VALUE
Model	Z2403A
Brand	Agilent / Keysight
Catalog Title	Agilent/Keysight Z2403A
Sku	Z2403A
Product Class	catalog accessory or spare
Listing Status	published catalog item
Document Class	accessory or spare identity sheet
Numeric Table Status	no public OEM numeric table for this exact SKU
Identity Source	Aumictech product catalog listing
Parent System	as named in the catalog title
Form Factor	accessory or spare hardware
Use Role	replacement or configuration accessory
Electrical Limits	not published for this SKU; see parent instrument datasheet
Mechanical Limits	not published for this SKU; see packing list or faceplate
Interface	as implied by the catalog title and parent family
Configuration Code	Z2403A
Manufacturer Line	Agilent / Keysight
Documentation Note	thin accessory sheet
Calibration Class	not standalone calibrated instrument unless the title states otherwise
Replacement Class	catalog spare or accessory

PARAMETER	VALUE
Public Spec Density	identity only

Notes
ALLOW_THIN: true accessory/spare with no public numeric table. Do not invent ranges, accuracies, or power levels. Finer limits belong on the faceplate, packing list, or parent-instrument datasheet.

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.