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Data Sheet

August 12, 2026

KEYSIGHT / AGILENT

Keysight (Agilent) MX0104A Performance Verification and Deskew Fixture for InfiniiMax Probes

Keysight / Agilent MX0104A InfiniiMax Performance Verification and Deskew Fixture The MX0104A isaKeysight performance verification and deskew fixture for InfiniiMax probe systems. Used to verify probe/scope channel response and to deskew multiple probe channels for accurate differential and multi-channel timing measurements. The MX0104A isaKeysight performance verification and deskew fixture for InfiniiMax probe systems. Used to verify probe/scope channel response and to deskew multiple probe channels for accurate differential and multi-channel timing measurements.



MODEL

**Keysight / Agilent
MX0104A**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

MX0104A

LISTING

<https://aumictechlabs.com/products/mx0104a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Keysight MX0104A Performance Verification and Deskew Fixture is a specialized accessory for calibrating, deskewing, and verifying the performance of InfiniiMax probe amplifiers. This 50 Ohm through fixture maintains signal integrity across high-speed measurement applications and is the direct replacement for the N5443A model. Technical Specifications Impedance: 50 Ohm through fixture Frequency Range: Good signal integrity to 40 GHz Input Connector: 2.92 mm male

Output Connector: 3.5 mm male

Key Features The MX0104A enables three critical functions for InfiniiMax probe systems: calibration of probe amplifiers, deskewing of probe amplifiers, and performance verification via Vector Network Analyzer (VNA) testing. The fixture itself is a 50 Ohm through device, providing a known impedance reference for measurement validation. Two positioning options support different calibration workflows. The optional plastic stand (Option 001) offers economical probe head positioning for standard setups. The 3D probe positioner (Option N2787A) delivers enhanced positioning flexibility, particularly for complex probe head geometries such as browser probe heads.

Typical Applications This fixture is essential for maintaining measurement accuracy in high-speed digital and analog characterization. Engineers use it to validate probe performance, compensate for phase and amplitude errors through deskewing, and ensure consistent calibration across InfiniiMax probe systems. Verification procedures typically employ external VNA equipment for comprehensive S-parameter characterization.

Compatibility & Integration The MX0104A supports InfiniiMax probe amplifiers with bandwidths greater than 13 GHz, including: InfiniiMax Ultra series probe amplifiers, InfiniiMax III and III+ series probe amplifiers, MX0023A InfiniiMax RC probe amplifier. For InfiniiMax probes with bandwidths below 13 GHz, the E2655C fixture is the appropriate alternative. The MX0104A integrates with standard test equipment workflows requiring 2.92 mm and 3.5 mm connectors and 50 Ohm system impedance.

Features & description

From manufacturer datasheet

Features

• Function: performance verification + deskew fixture • Probe family: InfiniiMax (III / III+ class workflows) • Use: channel-to-channel deskew and PV routines on Infiniium scopes • Accessory type: fixture (not a probe amplifier)

Applications

• InfiniiMax probe performance verification • Multi-probe channel deskew • Maintaining probe/scope system accuracy after tip/head changes

MX0104A Characteristics / Specifications

PARAMETER	VALUE
Model	MX0104A
Manufacturer	Keysight / Agilent
Instrument Type	Probe Performance Verification and Deskew Fixture
Alias	MX0104A; Keysight MX0104A
Function	performance verification + deskew fixture
Probe family	InfiniiMax (III / III+ class workflows)
Form	fixture accessory Notes Public numeric RF tables for MX0104A are sparse; role and compatibility from Keysight InfiniiMax accessory literature. Confirm included adapters/cables with the fixture.
Use	channel-to-channel deskew and PV routines on Infiniium scopes
Accessory type	fixture (not a probe amplifier)

MX0104A Specifications

PARAMETER	VALUE
Applications	- InfiniiMax probe performance verification
Key Features	- Function: performance verification + deskew fixture
Technical Specifications	Model: MX0104A

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 Verification and Deskew Fixture

Overview

The MX0104A isaKeysight performance verification and deskew fixture for InfiniiMax probe systems. Used to verify probe/scope channel response and to deskew multiple probe channels for accurate differential and multi-channel timing measurements.

Applications

- InfiniiMax probe performance verification
- Multi-probe channel deskew
- Maintaining probe/scope system accuracy after tip/head changes

Key Features

- Function: performance verification + deskew fixture
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- Use: channel-to-channel deskew and PV routines on Infiniium scopes
- Accessory type: fixture (notaprobe amplifier)

Technical Specifications

Technical Specifications

PARAMETER	VALUE
Model	MX0104A
Manufacturer	Keysight / Agilent
Instrument Type	Probe Performance Verification and Deskew Fixture
Alias	MX0104A; Keysight MX0104A

Specifications

PARAMETER	VALUE
Function	PV and deskew
Probe family	InfiniiMax
Form	fixture accessory

Notes

Public numeric RF tables for MX0104A are sparse; role and compatibility from Keysight InfiniiMax accessory literature. Confirm included adapters/cables with the fixture.

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.