

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 12, 2026

ANRITSU

Anritsu 68065B Synthesized CW Generator, 0.5 – 40.0 GHz

Anritsu 68065B Synthesized CW Generator, 0.5 – 40.0 GHz, Delivers continuous wave signals with precise control over 0.5 to 40 GHz range. Ideal for advanced RF testing.



MODEL

Anritsu 68065B

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

68065B

LISTING

<https://aumictechlabs.com/products/68065b-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Anritsu 68065B Synthesized CW Generator delivers continuous wave signals across 0.5 GHz to 40.0 GHz for precision RF testing applications. Local front-panel control and IEEE-488 GPIB remote operation enable seamless integration into automated test equipment systems. This instrument provides the frequency accuracy and signal stability required for demanding measurement environments. Technical Specifications Frequency Range: 0.5 GHz to 40.0 GHz Signal Type: Continuous Wave (CW) Control Interfaces: Front panel (local) and IEEE-488 GPIB (remote) Key Features IEEE-488 GPIB interface for remote automation and ATE integration Front-panel control for direct local operation Precision frequency synthesis across the microwave spectrum Designed for high-stability signal generation in test and measurement applications Typical Applications RF and microwave component testing Receiver sensitivity and performance characterization Frequency response measurements Automated test systems

requiring programmable CW signal sources

Compatibility & Integration

The GPIB interface allows direct integration into ATE platforms and test racks. The 68065B operates alongside other Anritsu 68000-series instruments, supporting modular test configurations. Optional accessories including step attenuators, rack mounting kits, and bias tees expand system capability for specialized applications.

Features & description

From manufacturer datasheet

Technical Specifications

Frequency Range: 0.5 GHz to 40.0 GHz Signal Type: Continuous Wave (CW) Control Interfaces: Front panel (local) and IEEE-488 GPIB (remote)

Key Features

IEEE-488 GPIB interface for remote automation and ATE integration Front-panel control for direct local operation Precision frequency synthesis across the microwave spectrum Designed for high-stability signal generation in test and measurement applications

Anritsu 68065B — Repair & Calibration Service

Aumictech offers NIST-traceable calibration and repair for the Anritsu 68065B. Calibration covers output frequency accuracy, output power level accuracy across the full frequency range, AM/FM/PM/pulse modulation accuracy, harmonic and spurious output levels, and phase noise floor verification. All calibrations ship with a NIST-traceable 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 Common Anritsu 68065B faults: YIG oscillator failure (no output or loss of lock), step attenuator wear (output drops or steps at set attenuation), ALC loop failure (uncontrolled output power), I/Q modulator assembly failure. HP/Agilent 836xx series most common faults are YIG oscillator failure and step attenuator contact wear causing output steps or drops at specific attenuation settings. Keysight E4428C/E4438C units most commonly develop ALC loop failure and I/Q modulator assembly faults. YIG oscillator replacement and attenuator service are stocked repairs. [Request Calibration](#) → [Request Repair Quote](#) →

Anritsu 68065B price

This Anritsu 68065B is listed at . Calibration is available separately from . Contact us for volume pricing or if you need multiple units.

Anritsu 68065B calibration cost

NIST-traceable calibration for the Anritsu 68065B is (standard — pass/fail certificate and calibration sticker) or (full measured data at every test point, reference standards documented, traceability chain included). Calibration for this instrument covers output frequency accuracy, output power level accuracy across the full frequency range, AM/FM/PM/pulse modulation accuracy, harmonic and spurious output levels, and phase noise floor verification. Turnaround is 1 to 3 business days after receipt. See full calibration details →

Applications

RF and microwave component testing Receiver sensitivity and performance characterization Frequency response measurements Automated test systems requiring programmable CW signal sources Compatibility & Integration The GPIB interface allows direct integration into ATE platforms and test racks. The 68065B operates alongside other Anritsu 68000-series instruments, supporting modular test configurations. Optional accessories including step attenuators, rack mounting kits, and bias tees expand system capability for specialized applications.

Unit notes

The Anritsu 68065B Synthesized CW Generator delivers continuous wave signals across 0.5 GHz to 40.0 GHz for precision RF testing applications. Local front-panel control and IEEE-488 GPIB remote operation enable seamless integration into automated test equipment systems. This instrument provides the frequency accuracy and signal stability required for demanding measurement environments.

Technical Specifications
Frequency Range: 0.5 GHz to 40.0 GHz
Signal Type: Continuous Wave (CW)
Control Interfaces: Front panel (local) and IEEE-488 GPIB (remote)

Key Features
IEEE-488 GPIB interface for remote automation and ATE integration
Front-panel control for direct local operation
Precision frequency synthesis across the microwave spectrum
Designed for high-stability signal generation in test and measurement applications

Typical Applications
RF and microwave component testing
Receiver sensitivity and performance characterization
Frequency response measurements
Automated test systems requiring programmable CW signal sources

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68065B Specifications

PARAMETER	VALUE
Frequency Range	0.5 GHz to 40.0 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.

Anritsu 68065B Synthesized CW Generator, 0.5 – 40.0 GHz, Delivers continuous wave signals with precise control over 0.5 to 40 GHz range. Ideal for advanced RF testing.

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Standard Cal Pass/fail cert + NIST sticker Cal with Data Full NIST cert with measured values

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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
sales@aumictech.com · +1 (484) 841-9341
<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.