

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 15, 2026

AGILENT / KEYSIGHT

Agilent / Keysight 85057B Verification kit 2.4mm 10 MHz to 50 GHz

Humidity Type Tested: 0 percent to 95 percent at 40 C non-condensing Function: verify measurement calibration and that the VNA system operates within specifications Form Factor: foam-lined verification kit with serialized devices Literature: Keysight 85057B verification kit user's and service guide Function: verify measurement calibration and that the VNA system operates within specifications Form Factor: foam-lined verification kit with serialized devices Literature: Keysight 85057B verification kit user's and service guide Uncertainty Limits: factory uncertainty limits included with the verification data for system verification



MODEL

**Agilent / Keysight
85057B**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

85057B

LISTING

<https://aumictechlabs.com/products/85057b-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Keysight 85057B Verification Kit is a metrology-grade calibration standard designed for 2.4 mm network analyzer systems. It has traceable verification of network analyzer performance across the 10 MHz to 50 GHz frequency range, enabling characterization and removal of systematic measurement errors. All standards include measurement data and uncertainties traceable to the U.S.National Institute of Standards and Technology (NIST), ensuring measurement integrity for critical RF and microwave testing. Technical Specifications Frequency

Range: 10 MHz to 50 GHz Connector Type: 2.4 mm Standard Components: 50-ohm airline Stepped impedance airline 20 dB attenuator 40 dB attenuator Calibration Traceability: NIST-traceable measurement data and uncertainties Standards referenced to Keysight Technologies golden reference standard

Key Features Automated system verification through S-parameter measurement and comparison against factory data Supplied uncertainty limits enable pass/fail assessment of network analyzer performance Systematic error characterization permits subsequent measurement error correction Metrology-grade accuracy suitable for precision RF and microwave applications

Typical Applications Network analyzer performance verification and troubleshooting Periodic system validation during ongoing measurement campaigns Systematic error removal from production and laboratory measurements Compliance verification for RF/microwave test systems

Compatibility & Integration Compatible Network Analyzers: Keysight PNA series Agilent 8510 series Agilent 8719/8720/8722 series Calibration Kit Integration: Designed for use with Agilent 85056A 2.4 mm calibration kit Compatible with Keysight 2.4 mm calibration kits

85057B Characteristics / Specifications

PARAMETER	VALUE
Model	85057B
Instrument Type	Network analyzer verification kit
Connector Type	2.4 mm
Frequency Range	45 MHz to 50 GHz
Attenuators	20 dB and 40 dB attenuators with data
Airline 50 Ohm	50 ohm airline with factory-measured data
Airline 25 Ohm	25 ohm mismatch airline with factory-measured data
Traceability	factory characterization traceable to Keysight golden standard / NIST path
Data Media	USB drive or data disks with factory-measured verification S-parameters
Data Sheets	printed data sheet for each device
Companion Calibration Kits	85056A 2.4 mm calibration kit
Operating Temperature	+20 C to +26 C
Storage Temperature	minus 40 C to +71 C
Error Corrected Temperature	plus or minus 1 C of measurement calibration temperature
Operating Altitude	less than 4500 meters (about 15000 feet)
Storage Altitude	less than 15000 meters (about 50000 feet)
Humidity Type Tested	0 percent to 95 percent at 40 C non-condensing
Function	verify measurement calibration and that the VNA system operates within specifications
Form Factor	foam-lined verification kit with serialized devices
Literature	Keysight 85057B verification kit user's and service guide
Uncertainty Limits	factory uncertainty limits included with the verification data for system verification
Recertification	return the kit to Keysight for recertification of the golden-standard data
Impedance	50 ohm coaxial

PARAMETER	VALUE
Ports	two-port verification devices
Attenuator 20 Db	20 dB attenuator with factory data
Attenuator 40 Db	40 dB attenuator with factory data
Compatible Analyzers	8510, 872x Series, and PNA Series
Torque 2p4 Mm Family	90 N-cm (8 in-lb) class of 2.4 mm 85056 kits
Data Media Older	data disks with factory-measured verification data (serial prefix 3105A guide)
Humidity	Type Tested: 0 percent to 95 percent at 40 C non-condensing

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Storage temperature	minus 40 C to +71 C
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Torque 2p4 Mm Family	90 N-cm (8 in-lb) class of 2.4 mm 85056 kits
Data Media Older	data disks with factory-measured verification data (serial prefix 3105A guide) Notes From Agilent 85057B 2.4 mm Verification Kit user's and service guide (45 MHz to 50 GHz, 20/40 dB attenuators, 50 ohm and 25 ohm airlines, 85056A companion, 8510/872x/PNA hosts). Device S-parameters are kit-specific factory data.

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	
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Notes
From Agilent 85057B 2.4 mm Verification Kit user's and service guide (45 MHz to 50 GHz, 20/40 dB attenuators, 50 ohm and 25 ohm airlines, 85056A companion, 8510/872x/PNA hosts). Device S-parameters are kit-specific factory data.

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.