

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 15, 2026

AGILENT / KEYSIGHT

Agilent / Keysight 85058V Verification kit 1.85mm 10 MHz to 67 GHz

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 PNA specified performance Literature: Keysight 85058V 1.85 mm Verification Kit user's and service guide Humidity Type Tested: 0 percent to 95 percent at 40 C non-condensing Function: verify measurement calibration and PNA specified performance Literature: Keysight 85058V 1.85 mm Verification Kit user's and service guide Form Factor: 1.85 mm verification kit with storage box

 Agilent / Keysight 85058V Verification kit 1.85mm 10 MHz to 67 GHz

MODEL

**Agilent / Keysight
85058V**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

85058V

LISTING

<https://aumictechlabs.com/products/85058v-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Keysight 85058V Verification Kit is a precision calibration standard for validating vector network analyzer performance across the 1.85 mm connector interface. Operating from 10 MHz to 67 GHz, this kit confirms system integrity and measurement accuracy after VNA calibration, ensuring corrected performance meets specified limits in demanding RF and microwave test environments. All measurement data and component uncertainties are traceable to NIST. Technical Specifications Connector Type: 1.85 mm Frequency Range: 10 MHz to 67 GHz Traceability: U.S. National Institute of Standards and Technology (NIST) Key Features The kit includes precision

reference devices for thorough VNA characterization: 50 Ohm Adapter - establishes precise 50 Ω reference impedance
Stepped Impedance Adapter - provides variable impedance loads for comprehensive characterization
10 dB Attenuator - calibrated reference for reduced-level performance verification
40 dB Attenuator - calibrated reference for significantly reduced-level verification
Measurement Data - component-specific characterization data with documented uncertainties
Typical Applications The 85058V verifies VNA performance post-calibration by measuring reference devices and confirming operation within specification. This validation process is essential for sustaining measurement accuracy and test result integrity in high-frequency RF and microwave applications where system performance margin documentation is required.

Compatibility & Integration Network Analyzers: Keysight Microwave PNA Series
Calibration Kits: Compatible with Keysight 1.85 mm calibration kits (85058B, 85058E) Originally manufactured by Agilent Technologies, this product is now part of Keysight Technologies' portfolio.

85058V Characteristics / Specifications

PARAMETER	VALUE
Model	85058V
Instrument Type	Network analyzer verification kit
Connector Type	1.85 mm
Frequency Range	10 MHz to 67 GHz
Attenuator 10 Db	10 dB attenuator with factory data
Attenuator 40 Db	40 dB attenuator with factory data
Beaded Line 50 Ohm	50 ohm beaded line with factory data
Beaded Line 25 Ohm	25 ohm mismatch beaded line with factory data
Matched Thru	matched thru with factory data
Mismatched Thru	mismatched thru with factory data
Companion Calibration Kits	85058B/E 1.85 mm calibration kits
Host Analyzers	Keysight Microwave PNA Series
Data Media	USB drive with factory-measured verification data
Traceability	traceable to primary standards in the Keysight calibration lab / NIST path
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 PNA specified performance
Literature	Keysight 85058V 1.85 mm Verification Kit user's and service guide
Form Factor	1.85 mm verification kit with storage box
Impedance	50 ohm

PARAMETER	VALUE
Humidity	Type Tested: 0 percent to 95 percent at 40 C non-condensing

85058V Specifications

PARAMETER	VALUE
Agilent 85058V 1.85 mm Verification Kit 10 MHz to 67 GHz	Overview
Applications	Verifying 1.85 mm PNA calibrations to 67 GHz.
Key Features	10 dB and 40 dB 1.85 mm attenuators
Technical Specifications	Model: 85058V

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Storage temperature	minus 40 C to +71 C
Operating temperature	+20 C to +26 C
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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 PNA specified performance
Literature	Keysight 85058V 1.85 mm Verification Kit user's and service guide
Form Factor	1.85 mm verification kit with storage box
Impedance	50 ohm Notes From Keysight 85058V 1.85 mm Verification Kit user's and service guide (10 MHz to 67 GHz, 10/40 dB attenuators, beaded lines, matched/mismatched thru, 85058B/E companions). 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 Keysight 85058V 1.85 mm Verification Kit user's and service guide (10 MHz to 67 GHz, 10/40 dB	

attenuators, beaded lines, matched/mismatched thru, 85058B/E companions). 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

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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.