

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 15, 2026

AGILENT / KEYSIGHT

Agilent/Keysight 85540B

Agilent/Keysight 85540B 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
85540B**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

85540B

LISTING

<https://aumictechlabs.com/products/85540b-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Agilent/Keysight 85540B is a 40 GHz Standard CalPod for ambient temperature benchtop operation. It enables rapid calibration refresh of network analyzers without disturbing the device under test or reconnecting standards, improving measurement accuracy and efficiency across multi-port and multi-path applications. Technical Specifications Frequency Range: 500 MHz to 40 GHz Connector Type: 2.92 mm Operating Temperature: +20 °C to +30 °C Typical Amplitude Re-correction: ±0.05 dB Typical Phase Re-correction: ±1.5° Typical Directivity Re-correction: -38 dB Included Drive Cable: 2 meters Key Features Quick calibration refresh without DUT removal or standard reconnection Supports up to 48 controlled CalPods with simultaneous re-correction of four units 2.92 mm connectors for broad RF compatibility Optional 85554A CalPod Drive Cable

Extension (10 meters) for extended control distances Can be characterized with an ECal module to function as an ECal module for simplified multi-port measurements Compatibility & Integration The 85540B integrates with Keysight PNA family network analyzers including PNA-X N524xB, PNA N522xB, and PNA-L N523xB series, as well as PXIe vector network analyzers. Operation requires the 85523B CalPod Controller and specific CalPod firmware. The controller accepts autoranging line voltage input with $\pm 10\%$ nominal voltage tolerance, enabling flexible benchtop deployment across diverse laboratory environments.

85540B Characteristics / Specifications

PARAMETER	VALUE
Model	85540B
Brand	Agilent / Keysight
Catalog Title	Agilent/Keysight 85540B
Sku	85540B
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	85540B
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	85540B
Brand	Agilent / Keysight
Catalog Title	Agilent/Keysight 85540B
Sku	85540B
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	85540B
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

788 S 500 E, Pleasant Grove, UT 84062
sales@aumictech.com · +1 (484) 841-9341
<https://aumictechlabs.com>

NIST-traceable calibration · SAM registered ·
30-day returns
NAICS 423690 · 811210 · 541380
Generated August 15, 2026

Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.