

**Aumictech**

Test &amp; measurement · bought, sold, repaired, calibrated

**Data Sheet**

August 15, 2026

AGILENT / KEYSIGHT

## Agilent/Keysight 85530B

Agilent/Keysight 85530B 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  
85530B**

CALIBRATION

**Available on  
request**

CONDITION

**Used**

STATUS

**In stock**

RFQ / SKU

**85530B**

LISTING

<https://aumictechlabs.com/products/85530b-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

### This unit

The Keysight 85530B is an ambient temperature CalPod Module designed for Keysight PNA family network analyzers and PXIe vector network analyzers. It enables rapid calibration refresh without removing the Device Under Test or reconnecting standards, simplifying multi-port and multi-path measurement scenarios. By characterizing CalPods with an ECal module, the 85530B allows CalPods to function as ECal modules within the measurement environment, supporting one-port calibration on each port of multi-port devices and facilitating full two-port 12-term error correction models. Technical Specifications Frequency Range: 100 MHz to 20 GHz Operating Temperature Range: +20 °C to +30 °C Amplitude Re-correction: Typically ±0.05 dB Phase Re-correction: Typically ±1.5° Directivity Re-correction: Typically -38 dB Insertion Loss: 3.5 dB maximum (100

MHz to 10 GHz); 4.0 dB maximum (10 GHz to 20 GHz) Return Loss (RF2 output port): 12.0 dB minimum (100 MHz to 5 GHz) CalPod Control: Up to 48 CalPods; four CalPods recorrectable simultaneously Power Consumption: 1.5 W typical Input Power: +5 VDC Connectors: 2.92 mm Dimensions: 5.25 in × 4.0 in × 1.25 in Weight: 8 ozKey Features Rapid calibration refresh without DUT disruption or standard reconnection Multi-port and multi-path measurement simplification Full two-port error model determination via combined one-port calibrations and unknown thru measurements ECal module functionality through CalPod characterization Accurate re-correction within +20 °C to +30 °C ambient temperature range Simultaneous control of up to 48 CalPods with four-at-a-time recorrection capabilityCompatibility & Integration The 85530B integrates with PNA-X N524xA, PNA N522xA, and PNA-L N5231/32/34/35/39A series analyzers, as well as M937xA PXIe vector network analyzers. Legacy support includes Keysight 8510C, 8510B, 8510XF, 8510XG, 8510XE, 8510XS, 8510XT, and 8515A models. Operation requires CalPod firmware, an 85523B CalPod Controller, and the 85556A fan-out cable splitter for controlling more than four CalPods.

## 85530B Characteristics / Specifications

| PARAMETER            | VALUE                                                                  |
|----------------------|------------------------------------------------------------------------|
| Model                | 85530B                                                                 |
| Brand                | Agilent / Keysight                                                     |
| Catalog Title        | Agilent/Keysight 85530B                                                |
| Sku                  | 85530B                                                                 |
| 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   | 85530B                                                                 |
| 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                | 85530B                                                                 |
| Brand                | Agilent / Keysight                                                     |
| Catalog Title        | Agilent/Keysight 85530B                                                |
| Sku                  | 85530B                                                                 |
| 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   | 85530B                                                                 |
| 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](mailto: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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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.