

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 15, 2026

AGILENT / KEYSIGHT

Agilent/Keysight 85056KE01

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 Catalog Title: Agilent/Keysight 85056KE01 Use with the parent instrument or chassis named in the title when applicable Documented as thin because OEM numeric tables are not public Catalog Title: Agilent/Keysight 85056KE01 Product Class: catalog accessory or spare



MODEL

**Agilent / Keysight
85056KE01**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

85056KE01

LISTING

<https://aumictechlabs.com/products/85056ke01-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Keysight 85056KE01 is a mechanical calibration kit for vector network analyzers, delivering accurate systematic error characterization across DC to 40 GHz using 2.92 mm connectors. Built for the PNA family of VNAs, this kit has complete 2-port SOLT calibration with fixed and sliding load standards, enabling precise S-parameter measurements at microwave frequencies. Technical Specifications Frequency Range: DC to 40 GHz Connector Type: 2.92 mm Calibration Method: Full 2-port SOLT (Short-Open-Load-Thru) with fixed and sliding loads Impedance: 50 Ω Key Features Dual NMD 2.4 mm to 2.92 mm adapter options (female-to-female and female-to-male configurations) for seamless test port conversion Three 2.92 mm in-series adapters for cascaded measurements and connector interface flexibility Precision torque wrench (5/16) and open-end wrenches (5/16 and 7/16) for controlled standard connections PNA family standard definitions

supplied on USB stick for rapid setup and validation Supports both fixed and sliding mechanical loads for comprehensive load impedance coverageTypical Applications Microwave component characterization and validation Transmission and reflection measurements on 2.92 mm test ports Systematic error correction for high-frequency S-parameter analysis VNA calibration verification and traceability establishmentCompatibility & Integration This kit interfaces directly with Keysight PNA family network analyzers. The provided NMD 2.4 mm adapters enable retrofit calibration on systems with legacy 2.4 mm test ports. Standard definitions load into PNA instruments via included USB media. Users must supply their own 2.92 mm test port cables for transmission measurements.

85056KE01 Characteristics / Specifications

PARAMETER	VALUE
Model	85056KE01
Brand	Agilent / Keysight
Catalog Title	Agilent/Keysight 85056KE01
Sku	85056KE01
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	85056KE01
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

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PARAMETER	VALUE
Model	85056KE01
Brand	Agilent / Keysight
Catalog Title	Agilent/Keysight 85056KE01
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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	85056KE01
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

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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.