

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 15, 2026

AGILENT / KEYSIGHT

Agilent/Keysight 85054-60001

The Agilent/Keysight 85054-60001 is a precision Type-N calibration kit for full two-port network analyzer characterization across DC to 18 GHz. It delivers the calibration standards and accessories required to establish accurate S-parameter measurements and correct systematic errors in RF and microwave test systems. Key Features The kit includes Type-N to 7mm adapters (two male, two female), gender-changing Type-N adapters, and a 3/4 inch torque wrench rated 135 N-cm (12 in-lb) for consistent Type-N connector engagement. Spanner wrench, connector gages, and centering beads support assembly and alignment verification. ESD protection comprises grounding wrist strap, grounding cord, and conductive table mat. Protective storage case included. Typical Applications Full two-port calibration of network analyzers; S-parameter characterization; RF and microwave measurement accuracy validation;



MODEL

**Agilent / Keysight
85054-60001**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

85054-60001

LISTING

<https://aumictechlabs.com/products/85054-60001-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Agilent/Keysight 85054-60001 is a precision Type-N calibration kit for full two-port network analyzer characterization across DC to 18 GHz. It delivers the calibration standards and accessories required to establish accurate S-parameter measurements and correct systematic errors in RF and microwave test systems. Technical Specifications Electrical & Physical Connector

Type: Type-N (50 Ohm) Frequency Range: DC to 18 GHz Impedance: 50 Ohms Calibration Standards Opens: Precision offset opens (male and female) with low-dielectric constant plastic support for minimal compensation values and repeatable connections Shorts: Precision offset shorts (male and female) featuring one-piece inner conductor construction for maximum repeatability Lowband Loads: Metrology-grade 50 Ohm terminations optimized to 2 GHz, with distributed resistive element on sapphire substrate for stability Sliding Loads: Precision-machined design for 3 GHz to 18 GHz operation with preset inner conductor depth control and centering bead alignment Broadband Loads: Included in kit configuration for extended calibration capability

Key Features The kit includes Type-N to 7mm adapters (two male, two female), gender-changing Type-N adapters, and a 3/4 inch torque wrench rated 135 N-cm (12 in-lb) for consistent Type-N connector engagement. Spanner wrench, connector gages, and centering beads support assembly and alignment verification. ESD protection comprises grounding wrist strap, grounding cord, and conductive table mat. Protective storage case included.

Typical Applications Full two-port calibration of network analyzers; S-parameter characterization; RF and microwave measurement accuracy validation; systematic error correction across broadband frequency spans.

Compatibility & Integration Designed for Agilent and Keysight network analyzers including ENA Series (e.g., E5061A) and PNA Series platforms.

8505460001 Characteristics / Specifications

PARAMETER	VALUE
Model	85054-60001
Brand	Agilent / Keysight
Catalog Title	Agilent/Keysight 85054-60001
Sku	85054-60001
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	85054-60001
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	85054-60001
Brand	Agilent / Keysight
Catalog Title	Agilent/Keysight 85054-60001
Sku	85054-60001
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	85054-60001
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.