

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 15, 2026

AGILENT / KEYSIGHT

Agilent/Keysight 85515A

Agilent/Keysight 85515A 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
85515A**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

85515A

LISTING

<https://aumictechlabs.com/products/85515a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Agilent/Keysight 85515A is a 4-in-1 OSLT (Open, Short, Load, Through) mechanical calibration kit for RF and microwave measurements from DC to 9 GHz. Designed with Type-N female connectors and 50 Ohm impedance, this kit has precise calibration standards essential for spectrum analyzer characterization and signal integrity verification across the measurement chain.

Technical Specifications

Calibration Standards

Open: Phase error $\leq 2.0^\circ$ (DC to 4 GHz), $\leq 3.0^\circ$ (4 to 9 GHz); offset delay 53.531 ps

Short: Phase error $\leq 1.25^\circ$ (DC to 9 GHz); offset delay coefficients per datasheet

Load: Return loss ≥ 42 dB (DC to 6 GHz), ≥ 35 dB (6 to 9 GHz); DC resistance $50 \Omega \pm 0.5 \Omega$; maximum power 0.5 W

Through (Female-Female): Insertion loss ≤ 0.05 dB (DC to 4 GHz), ≤ 0.1 dB (4 to 9 GHz); return loss ≥ 36 dB (DC to 4 GHz), ≥ 31 dB (4 to 8 GHz), ≥ 28 dB (8 to 9 GHz); electrical delay 241.167 ps

Physical Specifications

Frequency range: DC to 9

GHz Impedance: 50 Ohm Connector type: Type-N (Female), 5 ports Dimensions: Approximately 104 × 74 × 22 mm Operating temperature: +5 °C to +40 °C Storage temperature: –40 °C to +70 °C

Key Features Four-in-one calibration standard set eliminates need for separate instruments Low insertion loss and controlled return loss across full frequency band Tight phase error specifications enable high-accuracy network parameter extraction Compact form factor with lightweight construction Female-to-female through standard provides direct signal path integration

Typical Applications Spectrum analyzer calibration and verification Network analyzer error correction RF measurement system qualification Periodic calibration interval validation

Compatibility & Integration The 85515A integrates directly into Agilent/Keysight spectrum analyzer systems. Recommended maintenance includes annual inspection intervals and 12 lb-inch (136 N-cm) torque specification for connector assembly. Store with protective caps on all connectors in shock-resistant environment.

85515A Characteristics / Specifications

PARAMETER	VALUE
Model	85515A
Brand	Agilent / Keysight
Catalog Title	Agilent/Keysight 85515A
Sku	85515A
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	85515A
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	85515A
Brand	Agilent / Keysight
Catalog Title	Agilent/Keysight 85515A
Sku	85515A
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	85515A
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.