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Data Sheet

August 5, 2026

KEYSIGHT / AGILENT

Keysight (Agilent) 16195B Calibration Kit, 7 mm

Keysight (Agilent) 16195B Calibration Kit, 7 mm The Keysight/Agilent 16195B is a 7 mm calibration kit for RF LCR meters, impedance/material analyzers, and network analyzers. Calibration is performed at the 7 mm connector plane. Typical kit contents: 50 Ω termination, open, short, low-loss capacitor, and carrying case. Compatible with instruments such as E4991A/B, 4287A, E4982A, and E5061B-class analyzers (confirm firmware/kit definition). 7 mm plane calibration for RF impedance and VNA measurements; fixture/port extension setups. The Keysight/Agilent 16195B is a 7 mm calibration kit for RF LCR meters, impedance/material analyzers, and network analyzers. Calibration is performed at the 7 mm connector plane. Typical kit contents: 50 Ω termination, open, short, low-loss capacitor, and carrying case. Compatible with instruments such as E4991A/B, 4287A, E4982A, and E5061B-class analyzers (confirm firmware/kit definition). 7 mm plane calibration for RF impedance and VNA measurements; fixture/port extension setups.



MODEL

**Keysight / Agilent
16195B**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

16195B

LISTING

<https://aumictechlabs.com/products/16195b-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Keysight (Agilent) 16195B is a precision calibration kit engineered for 7 mm connector systems. It delivers the terminations and reference standards required to establish accurate calibration planes on compatible RF LCR meters, impedance/material analyzers, and network analyzers. The kit ensures measurement integrity across your test infrastructure by providing

traceable calibration reference standards at the 7 mm connector interface. Technical Specifications Connector Type: 7 mm Calibration Plane: 7 mm connector plane Calibration Traceability: NIST or International Standards Organization members' calibration facilities Key Features The kit includes five essential calibration elements: 50 Ohm termination, open termination, short termination, and low-loss capacitor. A rugged carrying case protects standards during transport and storage. All termination standards and reference elements are designed to work at the 7 mm connector plane, eliminating the need for extension cables or adapters that would degrade calibration accuracy. Typical Applications Calibrating RF impedance measurements on LCR meters Establishing traceable calibration references for material analyzer measurements Validating network analyzer performance at the 7 mm connector interface Supporting periodic recalibration cycles for production test stations Compatibility & Integration The 16195B calibration kit interfaces with Keysight RF LCR meters (4287A, E4982A), impedance and material analyzers (E4991A, E4991B), and network analyzers (E5061B). Each compatible instrument accepts 7 mm connectors and recognizes the standard termination impedance (50 Ohm) required for SOL (Short-Open-Load) or similar calibration routines. Complete documentation is provided in the 16195B Calibration Kit Operation Note and accompanying datasheet.

Features & description

From manufacturer datasheet

Features

- Connector plane: 7 mm
- Contents: 50 Ω load, open, short, low-loss capacitor, case
- Compatible instrument classes: RF LCR (4287A, E4982A), impedance analyzers (E4991A/B), VNAs (E5061B)

16195B Characteristics / Specifications

PARAMETER	VALUE
Model	16195B
Manufacturer	Keysight Technologies (Agilent)
Instrument Type	Calibration Kit (7 mm)
Alias	16195B; Agilent 16195B RF / Mechanical
Calibration plane	7 mm
Standards	open, short, 50 Ω , low-loss capacitor Operational Notes Prefer Keysight 16195B accessory literature for exact part numbers and definitions.
Connector plane	7 mm
Contents	50 Ω load, open, short, low-loss capacitor, case
Compatible instrument classes	RF LCR (4287A, E4982A), impedance analyzers (E4991A/B), VNAs (E5061B)

16195B Specifications

PARAMETER	VALUE
Applications	7 mm plane calibration for RF impedance and VNA measurements; fixture/port extension setups.
Key Features	- Connector plane: 7 mm
Technical Specifications	Model: 16195B
RF / Mechanical	Calibration plane: 7 mm
Operational Notes	Prefer Keysight 16195B accessory literature for exact part numbers and definitions.

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.

Specifications

Specifications

PARAMETER	VALUE
Model	16195B
Manufacturer	Keysight Technologies (Agilent)
Instrument Type	Calibration Kit (7 mm)
Alias	16195B; Agilent 16195B

RF / Mechanical

Calibration plane: 7 mm

Standards: open, short, 50 Ω , low-loss capacitor

Operational Notes

Prefer Keysight 16195B accessory literature for exact part numbers and definitions.

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.