

**Aumictech**

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Data Sheet

August 15, 2026

AGILENT / KEYSIGHT

Agilent / Keysight Q11645A Verification Kit, WR-22

Agilent / Keysight Q11645A Verification Kit, WR-22 This listing is a fixture, kit, or mechanical accessory 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. Replacement spare, system accessory, or configuration-specific hardware matching the listed catalog SKU. 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 Q11645A Verification Kit, WR-22



MODEL

**Agilent / Keysight
Q11645A**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

Q11645A

LISTING

<https://aumictechlabs.com/products/q11645a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Agilent/Keysight Q11645A Verification Kit is a precision calibration tool for verifying waveguide components and systems in the WR-22 band. It delivers standardized measurement references with NIST-traceable uncertainties, enabling accurate characterization of adapters, attenuators, terminations, and filters across 33.00 GHz to 50.00 GHz. The kit streamlines

verification workflows in R&D and production quality control environments by providing known impedance and attenuation standards alongside baseline waveguide references. Technical Specifications Frequency Range: 33.00 GHz to 50.00 GHz Waveguide Interface: WR-22 (UG-383/U flange type) Waveguide Inner Dimensions: 0.224 inches × 0.112 inches (5.6896 mm × 2.8448 mm) Material: Aluminum Measurement Traceability: U.S. National Institute of Standards and Technology (NIST) Key Features Standard waveguide section for baseline measurement establishment Standard waveguide mismatch component providing known impedance reference 20 dB precision attenuator for controlled signal reduction 50 dB precision attenuator for significant signal attenuation All components traceable to NIST with documented uncertainties Designed for straightforward integration into existing test workflows Typical Applications Network analyzer performance verification and validation Waveguide component characterization in production environments Calibration reference standards for high-frequency measurement systems Quality assurance testing in research and development settings Compatibility & Integration The Q11645A is engineered for use with Keysight PNA Series network analyzers and verifies analyzer performance within specified operating parameters. It pairs with the Q11644A Mechanical Calibration Kit to provide comprehensive verification coverage.

Q11645A Characteristics / Specifications

PARAMETER	VALUE
Model	Q11645A
Brand	Agilent / Keysight
Catalog Title	Agilent / Keysight Q11645A Verification Kit, WR-22
Sku	Q11645A
Product Class	fixture, kit, or mechanical accessory
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	Q11645A
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	Q11645A
Brand	Agilent / Keysight
Catalog Title	Agilent / Keysight Q11645A Verification Kit, WR-22
Sku	Q11645A
Product Class	fixture, kit, or mechanical accessory
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	Q11645A
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

788 S 500 E, Pleasant Grove, UT 84062
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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.