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Data Sheet

August 15, 2026

ANRITSU

Anritsu 3656B – W1 (1mm) Calibration / Verification

Anritsu 3656B – W1 (1mm) Calibration / Verification This listing is a catalog accessory or spare in the Anritsu 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. Catalog identity matched to brand, model, and 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: Anritsu 3656B – W1 (1mm) Calibration / Verification



MODEL

Anritsu 3656B

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

3656B

LISTING

<https://aumictechlabs.com/products/3656b-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Anritsu 3656B – W1 (1mm) Calibration/Verification Kit has precision standards and components for accurate VNA calibration at ultra-high frequencies. Designed for W1 (1mm) connector systems, this kit enables engineers to characterize and compensate for measurement system errors using proven calibration methodologies. The kit supports both male and female test port calibration, delivering the 12-term error correction necessary for reliable, repeatable

measurements in broadband microwave test environments operating beyond 100 GHz. Technical Specifications Connector Type: W1 (1mm) Calibration Methods: SOLT (Short-Open-Load-Thru) and SSST (Short, Short, Through) Frequency Range: DC to 110 GHz and above (with compatible VNA systems) Test Port Coverage: Male and female connector calibration Calibration Standards: Open, short, and broadband load components Optional Data-Based Calibration: Option 3 provides .s1p measurement data for all standards, enhancing accuracy versus modeled coefficients Key Features Male offset shorts with precision dimensions (2.02 mm, 2.65 mm, 3.180 mm) for extended frequency coverage and accurate phase response Precisely defined male open circuit standard Male broadband termination delivering 50-ohm impedance across wide frequency span Corresponding female offset shorts for dual-gender port calibration Included torque wrenches and assembly tools Typical Applications Component and subsystem characterization at millimeter-wave and sub-millimeter frequencies Broadband measurement validation and system verification De-embedding and error correction in high-frequency test setups Calibration reference for multi-port VNA measurements Compatibility & Integration Intended for use with Anritsu VectorStar MS464xB Series VNAs and broadband ME7838X measurement systems. W1 connectors are mechanically and electrically compatible with 1 mm connector standards. The kit supports broadband calibration algorithms that automatically combine standards for wider frequency coverage.

3656B Characteristics / Specifications

PARAMETER	VALUE
Model	3656B
Brand	Anritsu
Catalog Title	Anritsu 3656B – W1 (1mm) Calibration / Verification
Sku	3656B
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	3656B
Manufacturer Line	Anritsu
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	3656B
Brand	Anritsu
Catalog Title	Anritsu 3656B - W1 (1mm) Calibration / Verification
Sku	3656B
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	3656B
Manufacturer Line	Anritsu
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.