

**Aumictech**

Test & measurement • bought, sold, repaired, calibrated

Data Sheet

August 15, 2026

ANRITSU

Anritsu 3655E – Waveguide Calibration Kit; WR-12

Anritsu 3655E – Waveguide Calibration Kit; WR-12 This listing is a fixture, kit, or mechanical accessory 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 3655E – Waveguide Calibration Kit; WR-12



MODEL

Anritsu 3655E

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

3655E

LISTING

<https://aumictechlabs.com/products/3655e-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Anritsu 3655E is a WR-12 waveguide calibration kit engineered for precise VNA and VNMS calibration across the millimeter-wave spectrum. It delivers 12-term error-corrected measurements, enabling high-confidence characterization of devices and systems operating in the 60–90 GHz band. The kit includes flush shorts with 1/8 and 3/8 wavelength offsets, fixed terminations, and test port sections – all essential components for establishing traceable calibration references in demanding RF and microwave environments. Technical Specifications

Frequency Range: 60 GHz to 90 GHz Waveguide Standard: WR-12 Calibration Type: Opens,

shorts, and broadband loads Error Correction: 12-term Standard Components: Two flush shorts (1/8 and 3/8 wavelength offsets), two fixed terminations, two test port sections Optional Configuration (3655E-1): Includes sliding terminations and pin depth gauge Dimensions: 14 × 12 × 8 inches Weight: 10 lbs Key Features Flush short standards with matched offset specifications minimize measurement uncertainty. Broadband fixed terminations enable rapid calibration cycles without tuning adjustments. Two test port sections accommodate single-ended and balanced measurement configurations. Optional sliding terminations extend calibration flexibility for phase-offset requirements. Mechanical design follows WR-12 waveguide interface standards for direct VNA integration. Typical Applications Calibration and verification of vector network analyzers operating in the 60–90 GHz band. Characterization of millimeter-wave components: amplifiers, filters, antennas, and interconnects. Development and production testing of high-frequency RF modules and subsystems. Traceable reference establishment for automated network analysis and S-parameter measurement. Compatibility & Integration Designed for Anritsu VNAs and VNMS instruments equipped with WR-12 waveguide ports. Kit components conform to standard WR-12 mechanical dimensions and interface specifications. Calibration coefficients and reference documentation are provided.

3655E Characteristics / Specifications

PARAMETER	VALUE
Model	3655E
Brand	Anritsu
Catalog Title	Anritsu 3655E – Waveguide Calibration Kit; WR-12
Sku	3655E
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	3655E
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	3655E
Brand	Anritsu
Catalog Title	Anritsu 3655E - Waveguide Calibration Kit; WR-12
Sku	3655E
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	3655E
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.