

**Aumictech**

Test & measurement • bought, sold, repaired, calibrated

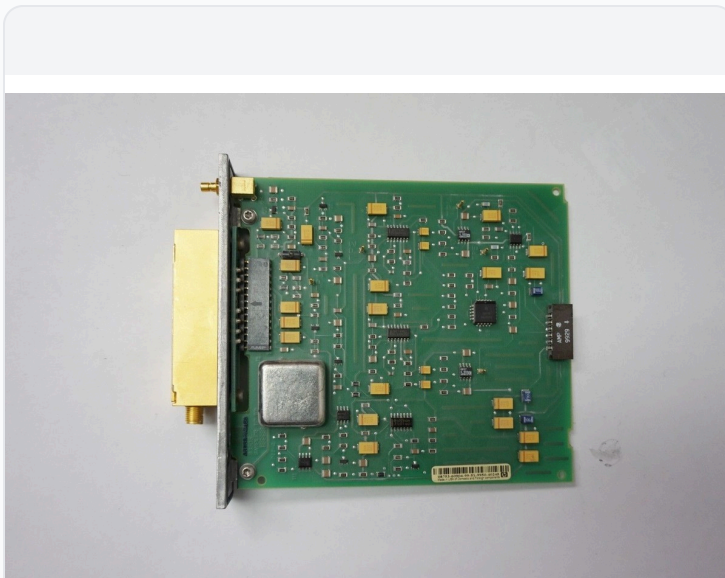
Data Sheet

August 15, 2026

AGILENT / KEYSIGHT

Agilent/Keysight 5087-7001

Agilent / Keysight RF Amplifiers. Channel: to-channel isolation, Channels: <, Channels: 60 dB (1 V up to 50 MHz injected on any output).



MODEL

**Agilent / Keysight
5087-7001**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

5087-7001

LISTING

<https://aumictechlabs.com/products/5087-7001-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Agilent/Keysight 5087A is a modular distribution amplifier for frequency standard signal distribution in precision test and measurement systems. It accepts three input channels configured for 5 MHz or 10 MHz operation, with support for up to four different input frequencies, and delivers up to 12 individually adjustable output channels with voltage levels from 0 Vrms to 3 Vrms. Tuned output amplifiers ensure low distortion and excellent channel-to-channel isolation, while internal shielding minimizes noise and crosstalk across all signal paths. Technical Specifications Input Configuration Three input channels Accepts 5 MHz or 10 MHz input frequencies Supports up to four different input frequencies across three channels Output Configuration Up to 12 selectable output channels Individual output voltage adjustment: 0 Vrms to 3 Vrms per channel Tuned output amplifiers with high channel-to-channel isolation Power Supply AC Input: 115 or 230 Vac $\pm 10\%$, 48 to 440 Hz, 20 VA maximum DC Input: 22–30 Vdc, 600 mA maximum Well-regulated internal supply with negligible effect from line voltage fluctuations External DC backup provision ensures operation during AC failure Signal Integrity Phase stability:

<0.1 ns/°C (5 and 10 MHz); <0.5 ns/°C (1 MHz); <5 ns/°C (100 kHz) Amplitude change due to load on other channels: <0.1 percent Phase change due to load on other channels: 60 dB (1 V up to 50 MHz injected on any output); >50 dB on 10 MHz output Environmental Specifications Humidity: 95% relative at 40°C Altitude: Up to 30,000 ft Shock: MIL-T-21200 Class 1 and MIL-E-5400 (30 G) Vibration: MIL-STD-167 EMC: MIL-STD-461A Physical Characteristics Dimensions: 88 mm (H) × 425 mm (W) × 286 mm (D) Weight: 7 kg net; 10 kg shipping Front panel meter with 16-position switch for monitoring inputs, outputs, and power supply voltageKey Features Modular architecture supports custom configurations with up to 3 input and 12 output amplifiers Individual shielding around each amplifier module reduces noise and crosstalk Low distortion output with excellent isolation between channels Precise voltage control per output channel Dual power supply topology (AC/DC) with uninterrupted operation capability

50877001 Characteristics / Specifications

PARAMETER	VALUE
Model	5087-7001
Brand	Agilent / Keysight
Catalog Title	Agilent/Keysight 5087-7001
Sku	5087-7001
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	5087-7001
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	5087-7001
Brand	Agilent / Keysight
Catalog Title	Agilent/Keysight 5087-7001
SKU	5087-7001
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	5087-7001
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.