

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 15, 2026

AGILENT / KEYSIGHT

Agilent/Keysight 5087-7054

Agilent / Keysight Clock & Timing Analyzers. Channels: Three, Channels: Up to 12 (selectable configuration), Channel: to-channel isolation through shielded input and ou.



MODEL

**Agilent / Keysight
5087-7054**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

5087-7054

LISTING

<https://aumictechlabs.com/products/5087-7054-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Agilent/Keysight 5087-7054 is a modular distribution amplifier that delivers multiple synchronized outputs from atomic or crystal frequency standards. It accepts 10 MHz or 5 MHz input signals across three input channels and distributes them to up to 12 selectable output channels with individually adjustable voltage levels from 0 Vrms to 3 Vrms per channel. The modular architecture accommodates custom input and output configurations, enabling flexible frequency routing - including simultaneous distribution at 5 MHz, 1 MHz, and 0.1 MHz from a single standard. Technical Specifications Input Frequencies: 10 MHz, 5 MHz (configurable to 1 MHz and 0.1 MHz outputs) Input Channels: Three Output Channels: Up to 12 (selectable configuration) Output Voltage (per channel): 0 Vrms to 3 Vrms, individually adjustable Power Supply: 115/230 VAC, well-regulated; external 22-30 Vdc backup provision Line Voltage Stability: No measurable effect on output amplitude or phase from line fluctuations Key Features Tuned output amplifiers deliver clean signals with minimal distortion High channel-to-channel isolation through shielded input and output amplifier modules Front-panel meter with 16-position switch for

input, output, and voltage monitoring All connectors and fuses located on rear panel for streamlined integration Modular plug-in architecture supports diverse input/output configurations Typical Applications Signal distribution from atomic and crystal frequency standards Multi-output frequency reference generation for test systems Data acquisition systems requiring synchronized, low-distortion reference signals Signal generation equipment with distributed frequency references Compatibility & Integration The 5087-7054 integrates directly with high-quality frequency standards and functions as a distribution hub within larger test and measurement systems where multiple synchronized clock or reference signals are required.

50877054 Characteristics / Specifications

PARAMETER	VALUE
Model	5087-7054
Brand	Agilent / Keysight
Catalog Title	Agilent/Keysight 5087-7054
Sku	5087-7054
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	5087-7054
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

PARAMETER	VALUE
Model	5087-7054
Brand	Agilent / Keysight
Catalog Title	Agilent/Keysight 5087-7054
SKU	5087-7054
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	5087-7054
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.