

**Aumictech**

Test & measurement • bought, sold, repaired, calibrated

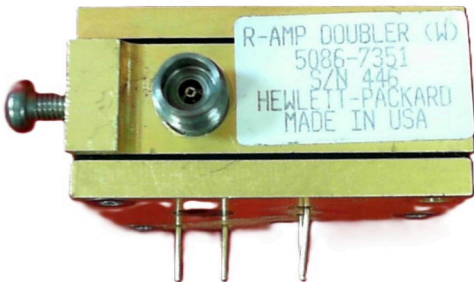
Data Sheet

August 15, 2026

AGILENT / KEYSIGHT

Agilent/Keysight 5086-7351

The Agilent/Keysight 5086-7351 is a component designed for use in various electronic systems. This component ensures reliable performance and seamless integration within compatible devices. It is suitable for instrumentation, communication, and general-purpose applications.



MODEL

**Agilent / Keysight
5086-7351**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

5086-7351

LISTING

<https://aumictechlabs.com/products/5086-7351-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Agilent/Keysight 5086-7351 is an R-AMP Doubler W-Band Assembly engineered for integration into high-frequency RF and microwave systems. This component combines amplification and frequency doubling functionality, accepting an input signal, amplifying it, and outputting a signal at double the input frequency. Operating within the W-Band spectrum, it is a critical building block in test instrumentation, radar systems, satellite communications, and other applications demanding precision at millimeter-wave frequencies. Technical Specifications Frequency Band: W-Band (75 to 110 GHz) Function: Signal amplification with frequency doubling capability Configuration: Specialized assembly architecture Detailed electrical parameters including gain, noise figure, output power, and supply requirements are not publicly documented. System-level integration documentation or direct manufacturer contact is required for complete electrical specifications. Key Features Dual functionality: amplification and frequency doubling in

single assembly Designed for millimeter-wave operation Component integration optimized for W-Band performance

Typical Applications High-frequency test and measurement instrumentation Radar and detection systems Satellite communication terminals Specialized RF/microwave subsystems operating at W-Band frequencies

Compatibility & Integration This assembly integrates into systems designed for W-Band operation. Mechanical and electrical interfaces are application-specific and contingent on host system architecture. The 5086-7351 is intended for incorporation into Agilent/Keysight instruments or compatible third-party RF/microwave platforms. Physical form factor, connector types, and mounting configuration are determined by the intended application environment. System documentation or manufacturer inquiry should be consulted for mechanical interface details and integration requirements.

50867351 Characteristics / Specifications

PARAMETER	VALUE
Model	5086-7351
Brand	Agilent / Keysight
Catalog Title	Agilent/Keysight 5086-7351
Sku	5086-7351
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	5086-7351
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	5086-7351
Brand	Agilent / Keysight
Catalog Title	Agilent/Keysight 5086-7351
Sku	5086-7351
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	5086-7351
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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Generated August 15, 2026

Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.