

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 6, 2026

KEYSIGHT

Keysight (Agilent) 53210A 350 MHz RF Frequency Counter

Keysight (Agilent) 53210A 350 MHz RF Frequency Counter The Keysight 53210A is the RF frequency-counter member of the 53200A series. Single 350 MHz input channel (plus optional microwave Ch2 to 6/15 GHz). 10 digits/s resolution (vs 12 digits/s on 53220A/53230A). Focused on frequency, period, ratio, and RF signal-strength measurements rather than full universal timing. LXI-C / USB / GPIB. RF frequency counting; production frequency monitoring; general lab frequency measurement to 350 MHz (microwave with options). The Keysight 53210A is the RF frequency-counter member of the 53200A series. Single 350 MHz input channel (plus optional microwave Ch2 to 6/15 GHz). 10 digits/s resolution (vs 12 digits/s on 53220A/53230A). Focused on frequency, period, ratio, and RF signal-strength measurements rather than full universal timing. LXI-C / USB / GPIB. RF frequency counting; production frequency monitoring; general lab frequency measurement to 350 MHz (microwave with options).

No photo

MODEL

Keysight 53210A

CALIBRATION

**N/A — off-catalog
OEM datasheet**

CONDITION

**See OEM
documentation**

STATUS

**Not listed on
Aumictech
inventory**

RFQ / SKU

53210A

LISTING

**Off-catalog — OEM dat
asheet only**

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

Features & description

From manufacturer datasheet

Features

- Frequency range: DC to 350 MHz (Ch1) • Resolution: 10 digits/s; display up to 12 digits class • Measurements: frequency, period (average), frequency ratio, min/max/peak-to-peak input voltage, RF signal strength • Optional microwave channel: 6 GHz or 15 GHz • Does not include single-shot TI / pulse-width / rise-fall / totalize (those are 53220A/53230A) • Interfaces: LXI-C, USB, GPIB

53210A Characteristics / Specifications

PARAMETER	VALUE
Model	53210A
Manufacturer	Keysight Technologies
Instrument Type	RF Frequency Counter
Family	53200A Series
Alias	53210A Frequency 350 MHz; 10 digits/s Operational Notes Prefer Keysight 53200A Series datasheet.
Frequency range	DC to 350 MHz (Ch1)
Resolution	10 digits/s; display up to 12 digits class
Measurements	frequency, period (average), frequency ratio, min/max/peak-to-peak input voltage, RF signal strength
Optional microwave channel	6 GHz or 15 GHz
Interfaces	LXI-C, USB, GPIB

53210A Specifications

PARAMETER	VALUE
Keysight (Agilent) 53210A 350 MHz RF Frequency Counter	Overview
Applications	RF frequency counting; production frequency monitoring; general lab frequency measurement to 350 MHz (microwave with options).
Key Features	- Frequency range: DC to 350 MHz (Ch1)
Technical Specifications	Model: 53210A
Frequency	350 MHz; 10 digits/s
Operational Notes	Prefer Keysight 53200A Series datasheet.

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.

Specifications

Specifications

PARAMETER	VALUE
Model	53210A
Manufacturer	Keysight Technologies
Instrument Type	RF Frequency Counter
Family	53200A Series
Alias	53210A

Frequency

350 MHz; 10 digits/s

Operational Notes

Prefer Keysight 53200A Series datasheet.

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: N/A — off-catalog OEM datasheet. See OEM documentation · Not listed on Aumictech inventory.

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.