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Data Sheet

August 15, 2026

AGILENT / KEYSIGHT

Agilent/Keysight 54711A

HP Agilent 54711A 54720 Series Attenuator Plug In The HP 54711A isaone-slot attenuator plug-in for 54710/54720 oscilloscope mainframes. OEM 54710/54720 User's Guide Table 1-1 lists 2 GSa/s sample rate, 1.5 GHz bandwidth in A-model mainframes and 2.0 GHz in D-model mainframes, one channel, 16K memory inAmodels and 64K inDmodels, and 2.5 GHz external trigger without logic trigger. Repetitive equivalent-time measurements needing the highest 54720-family bandwidth and high-bandwidth external triggering. The HP 54711A isaone-slot attenuator plug-in for 54710/54720 oscilloscope mainframes. OEM 54710/54720 User's Guide Table 1-1 lists 2 GSa/s sample rate, 1.5 GHz bandwidth in A-model mainframes and 2.0 GHz in D-model mainframes, one channel, 16K memory inAmodels and 64K inDmodels, and 2.5 GHz external trigger without logic trigger. Repetitive equivalent-time measurements needing the highest 54720-family bandwidth and high-bandwidth external triggering. Highest equivalent-time bandwidth in the 54720 plug-in family



MODEL

**Agilent / Keysight
54711A**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

54711A

LISTING

<https://aumictechlabs.com/products/54711a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Agilent/Keysight 54711A is a network analyzer designed for detailed characterization of electronic networks. It delivers precise and reliable measurements across applications spanning design verification, component and system testing, and network troubleshooting. Technical Specifications The 54711A provides comprehensive measurement capabilities for electronic

network characterization. Measurement accuracy and reliability are engineered to support critical design, testing, and troubleshooting workflows across the electronics industry.

Key Features

- Network characterization for detailed electronic behavior analysis
- Design verification and circuit refinement support
- Quality assurance through component and system testing
- Troubleshooting and fault identification capabilities

Typical Applications

- Electronic network characterization and analysis
- Design and development verification
- Testing and quality assurance of components and systems
- Network troubleshooting and repair diagnostics

Compatibility & Integration

The 54711A integrates into laboratory and field test environments requiring precise network measurements and electronic characterization across diverse applications.

54711A Characteristics / Specifications

PARAMETER	VALUE
Model	54711A
Instrument Type	oscilloscope attenuator plug in
Slots Used	1
Channels	1
Sample Rate	2 GSa/s
BandwidthAMainframes	1.5 GHz
BandwidthDMainframes	2.0 GHz
Memory DepthAModels	16K
Memory DepthDModels	64K
Trigger	external 2.5 GHz
Logic Trigger	no
Maximum Sensitivity	20 mV/div
Software Expansion Sensitivity	2 mV/div
Input Resistance	50 ohm
Repetitive Rise Time	233 ps
Bandwidth With 54006A	1.3 GHz at 20 mV/div
Bandwidth With 54006A Divider	1.5 GHz at 20 mV/div (10:1) or 40 mV (20:1)
Partner Mainframes	54710A 54710D 54720A 54720D
Real Time Slot Rate	2 GSa/s per plug in slot
Equivalent Time Use	recommended for repetitive signals
Display Partner	9 inch color CRT on 54720 mainframe
Host Ram On Mainframe	4 Mbytes nonvolatile
Manufacturer	HP Agilent Keysight
Form Factor	54720-family one-slot plug in
Bandwidth	With 54006A: 1.3 GHz at 20 mV/div

PARAMETER	VALUE
Rise Time	233 ps

54711A Specifications

PARAMETER	VALUE
HP Agilent 54711A 54720 Series Attenuator Plug In	Overview
Applications	Repetitive equivalent-time measurements needing the highest 54720-family bandwidth and high-bandwidth external triggering.
Key Features	Highest equivalent-time bandwidth in the 54720 plug-in family
External trigger to 2.5 GHz	Single-slot 50 ohm attenuator path
Technical Specifications	Model: 54711A

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	
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Manufacturer	HP Agilent Keysight
Form Factor	54720-family one-slot plug in

Notes

Rows from HP 54710A/D and 54720A/D Oscilloscopes User's Guide Table 1-1 and 54711A probe-bandwidth notes.
Logic triggering is not available on this plug-in.

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.