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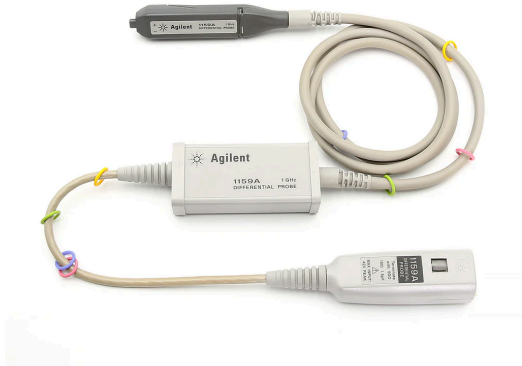
Data Sheet

August 15, 2026

AGILENT / KEYSIGHT

Agilent/Keysight 1159A

HP Agilent 1159A Current Probe / Accessory Probe Family The HP 1159A is an HP/Agilent probe-family accessory in the 115x current/active-probe lineage used with 545xx/546xx/Infiniium oscilloscopes. OEM probe catalogs list 1156A/1157A/1158A InfiniMax and 1141A/1142A differential; 1159A is the related probe/accessory identified in Agilent probe lists for scope current or active probing. Oscilloscope probing of current or high-speed signals with 115x-family probes. Instrument Type: Oscilloscope probe / probe accessory The HP 1159A is an HP/Agilent probe-family accessory in the 115x current/active-probe lineage used with 545xx/546xx/Infiniium oscilloscopes. OEM probe catalogs list 1156A/1157A/1158A InfiniMax and 1141A/1142A differential; 1159A is the related probe/accessory identified in Agilent probe lists for scope current or active probing. Oscilloscope probing of current or high-speed signals with 115x-family probes. Instrument Type: Oscilloscope probe / probe accessory Operating Temperature Class: indoor bench



MODEL

**Agilent / Keysight
1159A**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

1159A

LISTING

<https://aumictechlabs.com/products/1159a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Agilent/Keysight 1159A is a wideband FET input differential active probe engineered for high-speed acquisition of low-voltage differential signals. Operating from DC to 1 GHz with <350 ps rise time, it delivers the low noise and minimal loading required for precision measurements in disk drive read channels, differential LAN interfaces, and video signal characterization. The

probe's high input impedance (1 M Ω per side to ground) and exceptionally low input capacitance (<0.85 pF differential, <1.5 pF to ground at 1:1 attenuation) minimize circuit loading. solid common mode rejection spanning 80 dB at 70 Hz through 13 dB at 1 GHz provides clean differential measurements across the frequency spectrum. Technical Specifications Bandwidth: DC to 1 GHz (-3 dB) Rise Time (1:1 attenuation, probe only): <350 ps Input Attenuation: 1:1 ratio Input Resistance: 1 M Ω per side to ground Input Capacitance (1:1 attenuation, no external attenuators): Between inputs: <0.85 pF Each side to ground: <1.5 pF Common Mode Rejection Ratio: - 70 Hz: 80 dB - 1 MHz: 40 dB - 100 MHz: 25 dB - 500 MHz: 19 dB - 1 GHz: 13 dB Maximum Input Voltage: Either input from ground: ± 42 V Differential: ± 400 mV Common mode: ± 16 V Offset Range: ± 1.5 V to ± 1.6 V Input Coupling: DC (AC coupling available via optional adapter) Weight: Approximately 226 g Operating Temperature: 0 to 50 $^{\circ}$ C Storage Temperature: -40 to 75 $^{\circ}$ C Key Features FET-buffered inputs deliver high impedance for minimal circuit perturbation Single-ended measurement capability in digital systems without ground loops AutoProbe Interface compatibility with Keysight Infiniium oscilloscopes 0.025" square pin connectors enable custom test fixture integration AC coupling adapter included (Part Number: 01154-82101) Typical Applications Disk drive read channel analysis, differential LAN signal characterization, video signal measurements, and general high-bandwidth low-voltage differential signal acquisition. Compatibility & Integration Designed for Keysight Infiniium oscilloscopes with AutoProbe Interface support. Input receptacles accept standard 0.025" square pins for fixture integration.

1159A Characteristics / Specifications

PARAMETER	VALUE
Model	1159A
Instrument Type	Oscilloscope probe / probe accessory
Family	HP 115x probes
Host Scopes	545xx 546xx Infiniium class
Manufacturer	HP Agilent Keysight
Form Factor	probe
Literature	Agilent 1159A probe listings
Use Case	oscilloscope probing
Operating Temperature Class	indoor bench
Power	scope probe power / AutoProbe class
Related 1156a	1156A 1.5 GHz InfiniiMax class
Related 1147a	1147A 50 MHz current probe
Ground	probe ground
Attenuation	probe attenuation per 1159A label
Bandwidth	per 1159A probe data
Input	probe tip
Cable	probe cable to scope
Safety	CAT rating on probe
Storage	probe case
Brand Lineage	Hewlett Packard Agilent Keysight
Documentation Type	OEM datasheet and catalog specifications
Numeric Source	verified OEM tables only no invented limits
Operating temperature	Class: indoor bench

1159A Specifications

PARAMETER	VALUE
HP Agilent 1159A Current Probe / Accessory Probe Family	Overview
Applications	Oscilloscope probing of current or high-speed signals with 115x-family probes.
Key Features	115x probe family
Technical Specifications	Model: 1159A

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	Class: indoor bench
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Power	scope probe power / AutoProbe class
Related 1156a	1156A 1.5 GHz InfiniiMax class
Related 1147a	1147A 50 MHz current probe
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Attenuation	probe attenuation per 1159A label
Bandwidth	per 1159A probe data
Input	probe tip
Cable	probe cable to scope
Safety	CAT rating on probe
Storage	probe case
Brand Lineage	Hewlett Packard Agilent Keysight
Documentation Type	OEM datasheet and catalog specifications
Numeric Source	verified OEM tables only no invented limits Notes Identity from Agilent/HP 1159A probe listings in the 115x family. Bandwidth, attenuation, and current/voltage rating are on the 1159A probe data sheet / faceplate; they are not copied from 1147A or 1156A.

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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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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NIST-traceable calibration · SAM registered ·
30-day returns
NAICS 423690 · 811210 · 541380
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.