

1169B InfiniiMax II Series Probe Amplifier, 12 GHz



Provides a large common mode range and a large offset range for measuring differential and single-ended signals



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HIGHLIGHTS

Bandwidth:

- 12 GHz specified
- 13 GHz typical

Range:

- Dynamic Range: 3.3 V peak-to-peak
- DC Offset Range: +/- 16V
- Maximum Voltage: +/- 30V

Input Impedance:

- Differential Input R: 50 kOhm
- Differential Input C: 0.21 pF
- Single Ended Input R: 25 kOhm
- Single Ended Input C: 0.35 pF

Recommended Probe Heads:

- MX0100A 25 GHz Micro Probe Head
- MX0106A 23 GHz Solder-in Probe Head



- MX0105A 20 GHz SMA Probe Head
- N2839A 21 GHz Browser Probe Head
- N5425B 18 GHz ZIF Probe Head
- N2851A 12 GHz QuickTip Probe Head
- E2678B 12 GHz Socketed Probe Head
- N5381B 12 GHz Solder-in Probe Head
- N5380B 12 GHz SMA Probe Head
- E2677B 12 GHz Solder-in Probe Head

Oscilloscope Connectivity:

- MXR, EXR oscilloscopes
- S-Series oscilloscopes
- 90000A oscilloscopes
- UXR 3.5mm oscilloscope with N5442A
- UXR 1&1.85mm oscilloscope with N5442A and N2852A adapters
- 90000X, Q, V, Z-series oscilloscopes with N5442A

The InfiniiMax II Series 1169B 12 GHz probing system for Infiniium oscilloscopes provides full real-time bandwidth to 12 GHz specified and 13 GHz typical. The award-winning InfiniiMax probing system supports even the most demanding mechanical access requirements without sacrificing performance.

With only 3.4:1 of attenuation ratio, the 1168A/69A provides the lowest probe noise floor among InfiniiMax probes, making it ideal for signal integrity measurements that require high sensitivity. The 1168A/69A probe system supports a wide variety of real-world applications with an extensive line up of probe heads and accessories. Unrivaled InfiniiMax probe accessories support browsing, solder-in, socketed, ZIF tip, QuickTip (magnetic tip), soft touch head and SMA head solutions with various options to choose from.

The 1169B is the RoHS compliant version of the 1169A. The 1169B is 100% form, fit, function and price equivalent to the 1169A.

