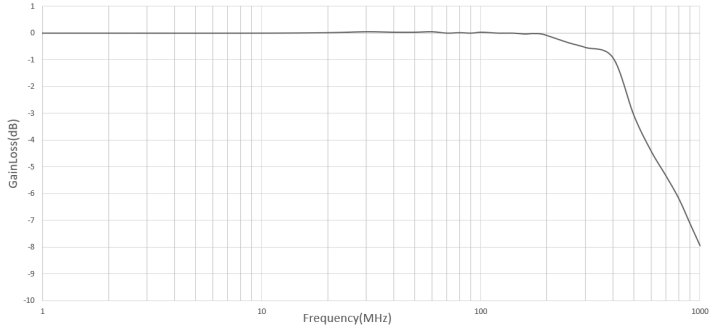
Specifications

Unless otherwise specified, all specifications are typical values and valid under the following conditions:

- Support 1MΩ input impedance oscilloscope and working for > 20minutes.
- The probe has been calibrated properly.
- The temperature and humidity must not exceed the specified requirements.

Model	MSP500
Bandwidth	500MHz
Rise Time	≤ 700ps
Attenuation	1:10
Input Resistance	10MΩ
Input Capacitance	12pF±1.5pF
Max. Working Input Voltage	< 600Vpk
Net Weight	< 53g
Lenght	120cm±1.5cm
Working Temperature	-10℃ ~ +50℃
Working Humidity	< 85% (Relative)

Amplitude-Frequency characteristics curve



Shenzhen Micsig Technology Co., Ltd.

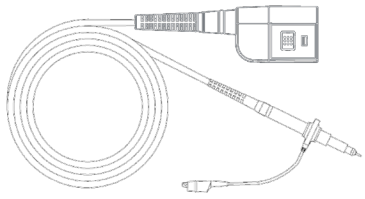
Tel: +86-755-88600880 Email: sales@micsig.com Web: www.micsig.com
Add: 6F, Jinhuanyu Building, No. 56, Tiezai Rd, Bao'an District,
Shenzhen, Guangdong, China.

MSP500 Passive Probe User Guide

Overview

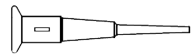
The MSP500 passive probe uses dedicated Mic-OPI interface from Micsig. It can be automatically identified attenuation ratio by Micsig MDO/MHO series oscilloscope, and can proceed probe compensation automatically.

Assembly





Ground Tip



Sprung Hook



Color Rings



Ground Lead

Calibration

Connect the probe to the calibration square wave signal output terminal of the oscilloscope, open the corresponding channel menu of the oscilloscope, the oscilloscope will read the information from the probe, click the "calibrate" button, wait for about 2 seconds, and a pop-up box "calibration successful" indicates the completion of the calibration.

*Note: When the probe is connected to a different channel, it needs to be recalibrated. Each channel only needs to be calibrated once.



