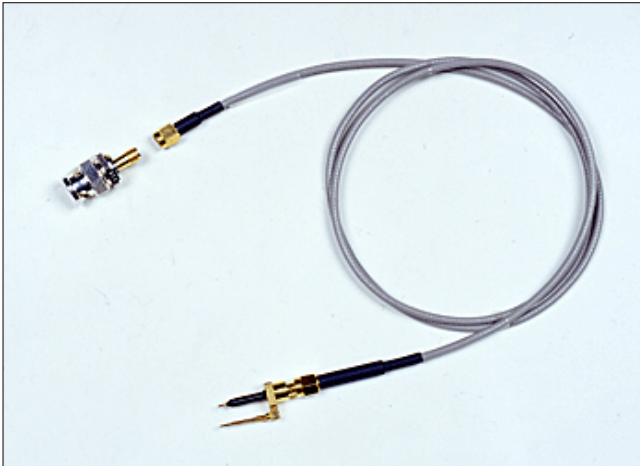




MICRONIX

Accessory for Spectrum Analyzer

WIDE BAND PASSIVE PROBE MP300



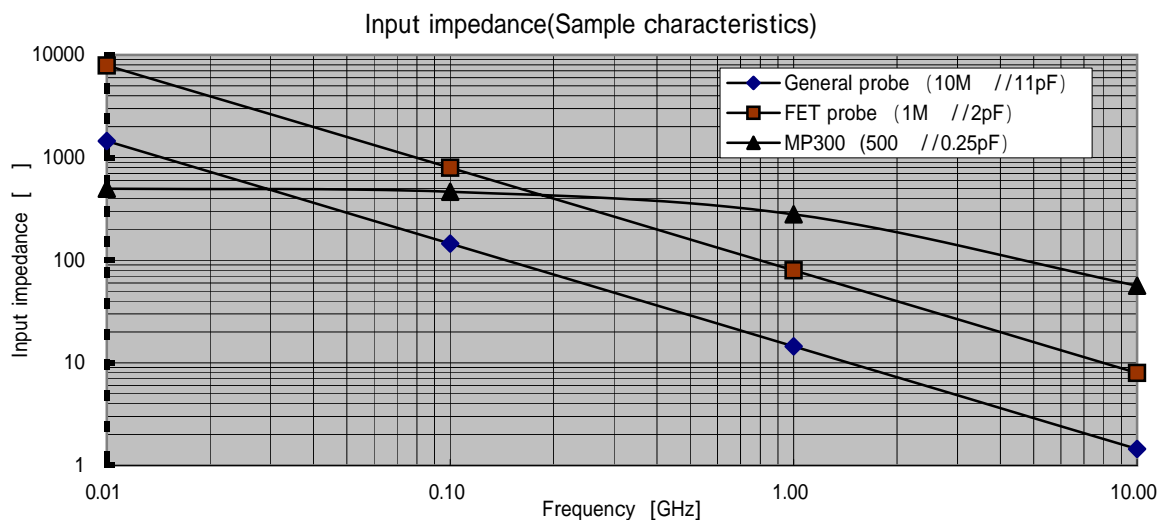
Items	Specifications
Bandwidth	6GHz (-3dB)
Attenuation	10:1 ±2% (into 50 ±1% load)
Input resistance	500 ±2% (into 50 ±1% load)
Input capacitance	0.25pF (typ)
Cable length	1 meter
Connector type	SMA
Input damage level	10Vrms, 20Vpeak (PW < 1ms)
Operating Temperature (Guaranteed)	5 to 35
Humidity	< 85% RH (non-condensing)
Storage temperature	-20 to 70

The MP300 is a low capacitance passive probe with a broad band.

The probe should be connected to the equipment with 50 ohm input. In a connecting state, the attenuation ratio of the probe is 10:1.

The input resistance of the probe is 500 . Since this value is considerably lower than those of common passive probes or FET probes, in the range from DC to low frequency, it is necessary to consider the influence to the circuit to be measured.

However, the load effect is small in the range of high frequency since its input capacity is low and the input impedance is almost the same as that of a pure resistor, and you can obtain better frequency response in this range.



MICRIONIX CORPORATION

2987-2, KOBIKI-CHO HACHIOJI-SHI, TOKYO 193-0934 JAPAN

TEL. +81-426-37-3667

FAX. +81-426-37-0227

URL:<http://www.micronix-jp.com/> E-mail:info@micronix-jp.com