

High Performance Differential Voltage Probe



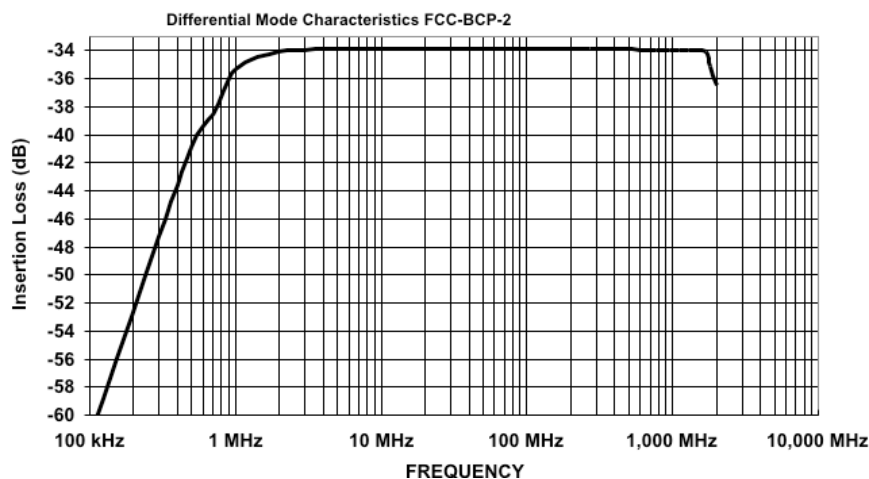
The FCC-BCP-2 is ideal for measuring differential voltages on CMOS, BiCMOS, ECL, GaAs and TTL devices. The probe measures the differential voltage between two points.

It can be used from 900 kHz to 1.8 GHz (± 3 dB) and can measure transients having rise times as short as 200 picoseconds and pulse widths up to 70 nanoseconds. The probe is ideal for use in characterizing a wide variety of transients including electrostatic discharge, coupled lightning, EMP simulation. The Figure below shows a typical differential mode chart.

The probe exhibits an attenuation factor of 50:1 which is constant with $\pm 5\%$ over the 900 kHz to 1.8 GHz range. The input impedance is $1,600 \Omega$ center tapped to ground. Since the impedance of the probe is $1,600 \Omega$ at the probe tip it should not be used to make measurements on high impedance circuits.

Features

- < 1 Picofarad Capacitance
- 1.8 GHz bandwidth
- $1,600 \Omega$ Impedance
- > 35 dB common mode rejection
- Small probe tips
- Passive - no external power supply



Contact the applications engineers at Fischer Custom Communications, Inc. to discuss your requirements for commercial and military EMC testing by phone, fax or e-mail.

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