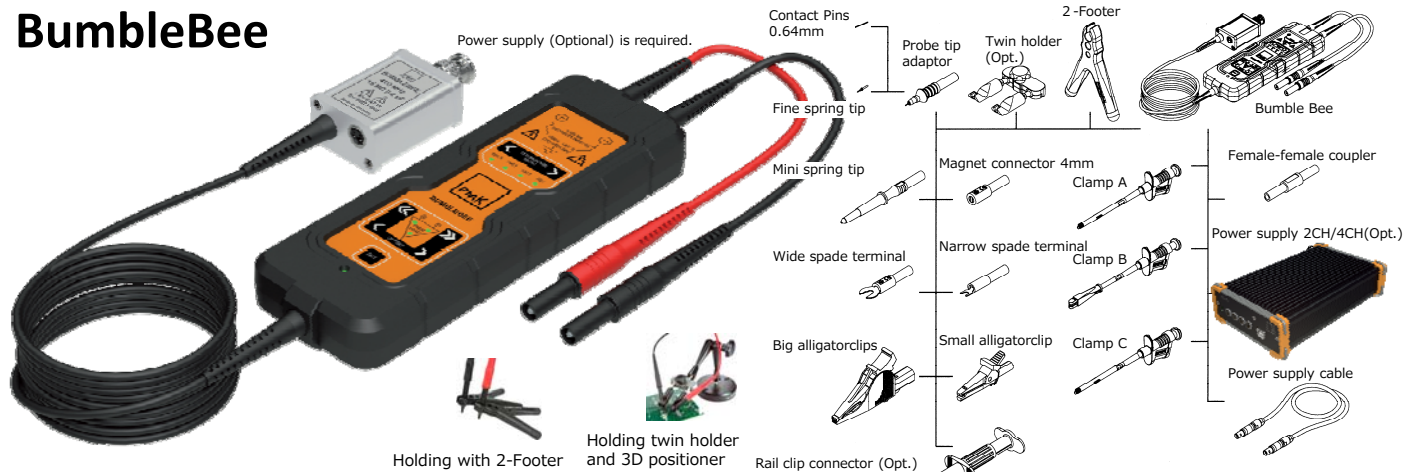


Wide bandwidth / High voltage differential probe

NEW Wide bandwidth DC~400MHz

BumbleBee



Attenuation ratio	Input voltage	50:1	100:1	250:1	500:1
Frequency bandwidth (-3dB) Tr (10%-90%)	50V	300MHz 1.2ns	300MHz 1.2ns	400MHz 875ps	400MHz 875ps
	500V	—	—	300MHz 1.2ns	300MHz 1.2ns
	1,000V	—	—	—	300MHz 1.2ns
Typical noise level(rms)		55mV	55mV	75mV	75mV
Maximum differential input voltage		±200V DC	±400V DC	±1kV DC	±2kV DC

High voltage differential probe

SS-320 DC~100MHz



Frequency Bandwidth : DC~100MHz
 Max. differential voltage(DC+ACpeak) :
 ±140V(50:1), ±1.4kV(500:1)
 CMRR:70dB(500VDC)/80dB(50/60Hz)/50dB(1MHz)
 Input impedance of instruments : 1MΩ
 Input impedance(vs GND) : 4MΩ//7.0pF
 Input impedance(differential) : 8MΩ//3.5pF
 Cable length : 1.5m
 Power supply : PS-25(AC100V), DS-579(DS-5600A/DS-5400A)

Common mode voltage : ±2,000V pk (± 1,400V rms)

Max. input voltage(measurement category)

(I) : 2,000V rms (6,000V transient overvoltage)

(III) : 1,000V rms CAT III

Offset range : ±4V (Resolution 15Bit/minimum Step<125μV)

Input impedance : 5MΩ // 4pF(GND), 10MΩ // 2pF(Differential)

Input coupling of instruments : 50Ω

Typical CMRR :

>80dB(DC), >70dB(100kHz), >62dB(1MHz), >50dB(3.2MHz)

Cable length : 2m(Output), 25cm(Input leads)

Weight (Probe only) : 370g

Operating temperature range :

0°C ~ 50°C(Probe), -40°C ~ 85°C(Input leads)

Probe power supply : PS-02(2CH), PS-03(4CH)

Probe power supplies provides PC remote control on Bumble Bee via USB or Ethernet(Optional) with PC-software "PMK Probe Control(64bit-Win7 or above version)" with USB memory.

BumbleBee® is manufactured by PMK Mess- und Kommunikationstechnik GmbH - Germany