

TT-SI 9001

Active Differential Probe for Bode 100



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Visit www.omicron-lab.com for more information.
Contact support@omicron-lab.com for technical support.

Technical data subject to change without notice!

Smart Measurement Solutions

General characteristics

Bandwidth	DC to 25MHz (-3dB)
Attenuation Ratio	Selectable: 1/10 or 1/100
Accuracy	±2%

Input

Input Impedance	4 MOhms // 5.5 pF each side ground
Rise Time	14ns
Input Voltage (Differential Range)	±70V(DC+Peak AC) or 70Vrms @1/10 ±700V(DC+Peak AC) or 700Vrms @1/100
Input Voltage (Common Mode Range)	±700V(DC+Peak AC) or 700Vrms @1/10 & 1/100
Absolute max. Voltage (Differential or Common Mode)	±1400V(DC+Peak AC) or 1000Vrms CAT III @1/10 & 1/100

Output

Swing	±7V (into 50 kOhms load)
Offset (typical)	<±5mV
Noise (typical)	0.7mVrms
Source Impedance (typical)	1 Ohm @ 1 kHz , 8 Ohm @ 1 MHz
CMRR (typical)	-86dB @50Hz, -66dB @20kHz

Environmental Requirements

Ambient Operating Temperature	-10 °C to 40 °C
Ambient Storage Temperature	-30 °C to 70 °C
Ambient Operating Humidity	25 to 85% RH
Ambient Storage Humidity	25 to 85% RH

Power Requirements

DC input voltage range	5 V DC to 10V DC
Polarity	"+" inside, "-" outside protected against wrong polarity
Mains adaptor (included)	9 VDC/ 40 mA included
Batteries (included)	4 x AA Cells

Weight & Dimensions

Weight	< 0.5 kg
Dimensions Probe (LxWxH)	170 mm x 63 mm x 21 mm

Delivery Includes:

- Active Differential Probe



- Wide input voltage range plug pack (international adaptor might be required)



- Carrying Case

