

High Voltage Differential Probe, 35 MHz / ± 800 V

CT4068-NA



Features:

- 35 MHz bandwidth
- Selectable attenuation settings of 10x or 100x
- Up to ± 800 V differential and common mode voltage
- Compatible with most oscilloscopes
- Powered by included 5V AC/DC wall mount adapter

Description:

Use the CT4068-NA 35-MHz differential probe to make safe and accurate floating measurements with an oscilloscope. The CT4068-NA differential probe allows conventional earth-grounded oscilloscopes to be used for floating signal measurements of up to ± 800 V for both differential and common mode voltage.



Order Information:

CT4068-NA

High Voltage Differential Probe, 35 MHz / ± 800 V

Contact Info:

Toll Free: 800-572-1028 (US Only)

Phone: 714-221-9330

Fax: 714-921-9849

22820 Savi Ranch Parkway

Yorba Linda, CA 92887-4610 USA

www.caltestelectronics.com

Specifications	
Operating Parameters	
Bandwidth	35 MHz
Rise Time	10 ns
Attenuation	10x / 100x
Accuracy	$\pm 2\%$
AC CMRR	-80 dB @ 60 Hz -60 dB @ 100 Hz -50 dB @ 1 MHz
Input Impedance	Between inputs: 8 M Ω // 2.5 pF Each input to ground: 4 M Ω // 5 pF
Input Voltage	
Differential Voltage (DC+ACpk)	± 80 V / ± 800 V
Absolute Maximum Input (DC+ACpk)	± 80 V / ± 800 V
Each Input to Ground Max (DC+ACpk)	± 80 V / ± 400 V
Output Voltage	
Swing	± 8 V (± 4 V into 50 Ω load)
Source Impedance (Typ.)	50 Ω
General	
Power Supply	5V AC/DC wall mount adapter (CT4476)
Power Consumption	500 mA (about 5 VDC)
Operating Temperature/Humidity	0°C to 50°C / 10% to 85% RH
Storage Temperature/Humidity	-30°C to 70°C / 10% to 90% RH
Cable Length	100 cm (separate leads)
Input Leads Length	60 cm (separate leads)
Weight	250 g
Dimensions	195 x 55 x 30 mm



Copyright © 2022, Cal Test Electronics, Inc. All rights reserved. Information in this publication supersedes that in all previously published material.