



All specifications apply to the unit after a temperature stabilization time of 20 minutes over an ambient temperature range of 25 °C ± 5 °C.

Electrical Characteristics	
Bandwidth (-3dB)	1.2 GHz
Rise Time (probe only)	291 ps
Attenuation ratio	10x
Accuracy	±2%
Input Dynamic Range (DC + AC peak)	±15 V
Maximum Input Voltage (DC + AC peak)	±40 V
Input Impedance	1 MΩ // 3 pF typical
Output Voltage Swing	±1.5 V (driving 50 Ω oscilloscope input)
Offset (typical)	±5 mV
Adjustable output offset range	±28 mV
Noise (typical)	0.3 mVrms
Source Impedance	50 Ω
Power Supply	9 V battery (included) or CT4122 USB power lead (included) or CT3723 power adapter (optional)
Safety Specifications	IEC 61010-031 CAT I

Mechanical Characteristics	
Weight	200 g
Dimensions	83 x 19 x 14 mm
Cable Length	120 cm (Total)

Environmental Characteristics	
Operating Temp/Humidity	-10°C to 40°C / Up to 85% RH
Storage Temp/Humidity	-30°C to 70°C / Up to 85% RH
Pollution Degree	Pollution Degree 2
Altitude	Operating: 3,000 m Nonoperating: 15,300 m

Specifications are subject to change without notice. To ensure the most current version of this manual, please download the current version from our website: [caltestelectronics.com](http://caltestelectronics.com)

## Performance Data Plots

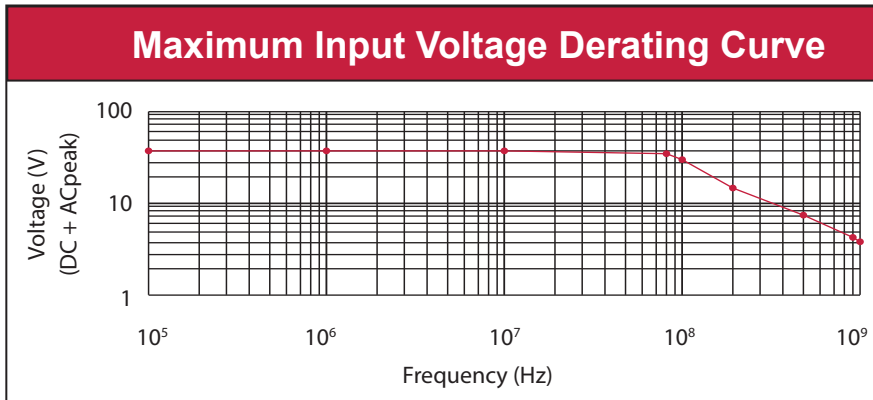


Figure 1 Maximum Input Voltage Derating Curve

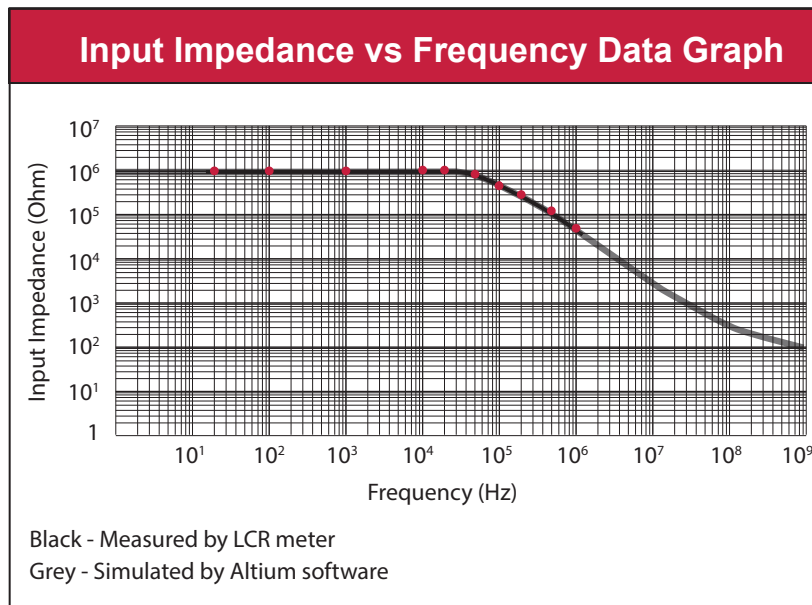


Figure 2 Input Impedance vs Frequency Data Graph

## Kit Contents:

- Active FET probe
- 50  $\Omega$  feed-through terminator (CT2944-50)
- USB power lead (CT4122)
- 9 V battery
- Offset adjustment tool
- User manual
- SMD kit
  - (2) SMD test clip, gray (CT3659-8)
  - (2) MicroLeads, 0.8 mm, Pin-Jack, 5 cm, Black/Red
  - (2) MicroLeads, 0.8 mm, Pin-Jack, 10 cm, Black/Red
  - (4) Ground pin, bent
  - (6) Test tip, uninsulated, 0.8 mm x 11.6 mm



Technical data subject to change.

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