

HZ100 Differential Probe 20:1/200:1

Technical specifications at 23°C ±2°C



Differential input voltage (DC + peak AC) max.:	±700V
Max. input voltage per input:	600V _{rms}
Attenuation ratio:	20:1
Selectable:	200:1
Bandwidth:	30/40MHz
Rise time:	12/9ns
Input impedance:	8MΩ 1.2pF
Output impedance:	50Ω
Max. output Voltage:	±3.5V at 1MΩ
Max. noise:	2mV
Accuracy after 1min:	±3% (18...30°C)
Common mode rejection DC/AC 1MHz:	70dB/>50dB
Inputs (CAT III):	2 safety connectors
Input leads:	2 test leads 50cm with spring hooks
Battery operation:	9V battery 6LR61
Input for an external power supply:	12...14V _{dc} /30mA

HZ109 Differential Probe 1:1/10:1

Technical specifications at 23°C ±2°C



Differential input voltage (DC + peak AC) max.:	±3.5V/35V
Max. input voltage per input:	100V _{rms}
Attenuation ratio:	1:1
Selectable:	10:1
Bandwidth:	30/40MHz
Rise time:	12/9ns
Input impedance:	8MΩ 1.2pF
Output impedance:	50Ω
Max. output Voltage:	±3.5V at 1MΩ
Max. background noise	at x1: <8mV _{rms} at x10: <2mV _{rms}
Accuracy after 1min:	±3% (18...30°C)
Common mode rejection DC/AC 1MHz:	70dB/>50dB
Inputs (CAT III):	2 safety connectors
Input leads:	2 test leads 50cm with spring hooks
Battery operation:	9V battery 6LR61
Input for an external power supply:	12...14V _{dc} /30mA

HZ115 Differential Probe 100:1/1,000:1

Technical specifications at 23°C ±2°C



Differential input voltage (AC _{rms}):	1,000V
(DC + peak AC) max.:	±1,400V*)
Max. input voltage per input:	±1,400V*)
Attenuation ratio:	100:1
Selectable:	1,000:1
Bandwidth:	20/30MHz
Rise time:	17/12ns
Input impedance:	60MΩ 1.5pF
Output impedance:	50Ω
Max. output Voltage:	±1.5V at 1MΩ
Max. background noise:	2mV
Accuracy after 1min:	±3% (18...30°C)
Common mode rejection DC/AC 1MHz:	70dB/>50dB
Inputs (CAT III):	2 safety connectors
Input leads:	2 test leads 75cm with safety test clips
Battery operation:	9V battery 6LR61
Input for an external power supply:	12...14V _{dc} /30mA

*) due to test clip 1000V CAT III