

+ Probe Specification

Model	LAP901
Image	
Characteristic	Description
Vertical	
Input channel	16 [D0:D15] , One group is D0 to D7, and one group is D8 to D15
Threshold range	± 20.0 V, step by 10 mV
Threshold accuracy	$\pm (100 \text{ mV} + 3\% \text{ threshold setting})$
Threshold selection	TTL, CMOS, ECL, PECL, custom
Maximum input voltage	± 40 V peak CAT I; The instantaneous overvoltage is 800 Vpk
Maximum input dynamic range	± 10 V + threshold
Minimum input signal swing	500 mVpp
Input impedance	$100 \text{ k}\Omega \parallel 8 \text{ pF}$
Vertical resolution	1 bit
Horizontal	
Minimum detectable pulse width	5 ns
Maximum input frequency	200 MHz
Time delay between channels	± 5 ns