

CHARACTERISTICS	SPECIFICATIONS	ADDITIONAL INFORMATION
* Acquisition Time (for 20.4 div) 60s/div...1 μs/div	20.5 x time/div + 140 ms	Excluding delay time. Delay time is the selected trigger delay.
500 ns/div...10 ns/div	20.5 x time/div + 120 ms	Excluding delay time. In Quasi-Random Mode, the acquisition time depends on triggers.
* Sources	Channel ± A Channel ± B mV Input	Inverted Channel A only for software V4.01 and higher versions.
* Acquisition Modes	1 Channel Only 2 Channels	CHAN A, CHAN B Chopped Mode from 60s/div...50 μs/div. Alternating Mode from 20 μs/div...10 ns/div.

### 2.3 CHANNELS A & B

* Signal Inputs	Isolated BNC	<b>Signal input BNC commons are connected together.</b>
Common Input	Black Safety Banana Jack	Part of External Trigger Input.
* Input Impedance		Frequency dependent, see Figure 2.1.
R parallel	1 MΩ ± 1%	For DC coupled input. For AC coupled input or GND, add 22 nF in series with R and C parallel.
C parallel	25 pF	

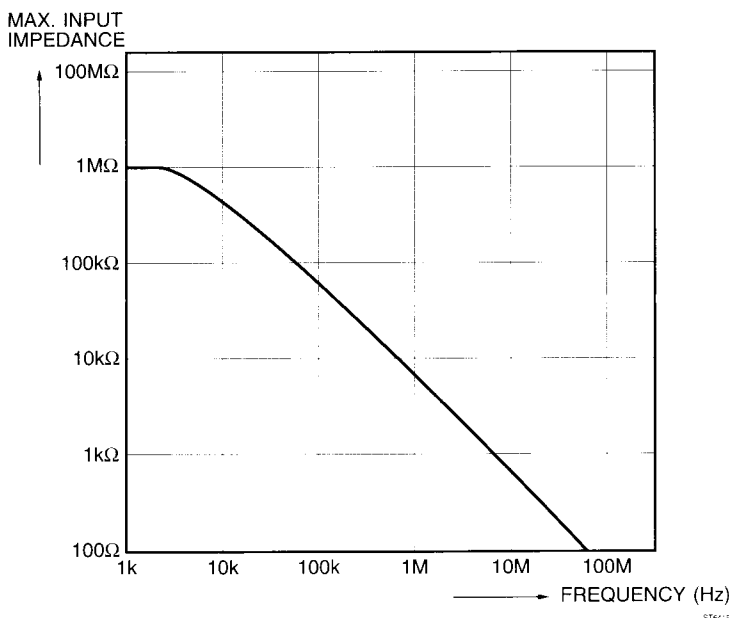


Figure 2.1 Max. Input Impedance Versus Frequency