

CHARACTERISTICS	SPECIFICATIONS	ADDITIONAL INFORMATION
* Input Coupling	AC DC GND	Sequence: ac-dc-GND (pre-charge ac), and back to ac.
* Maximum Input Voltage (rms)	300 V	Frequency dependent see fig. 2.2 Between BNC inner and outer contact. Outer BNC contacts and Ground (Black) Banana Jack are internally connected together.
<p>MAX. PEAK VOLTAGE</p> <p>425</p> <p>10</p> <p>1k 10k 100k 1M 10M 100M</p> <p>FREQUENCY (Hz)</p> <p>576310</p>		
<p><i>Figure 2.2 Max Input Voltage Versus Frequency</i></p>		
* Deflection Coefficient		
Steps	1 mV/div...2 mV/div (Models 95 and 97 only)	Only for repetitive signals and timebase 60s...1μs. If one of the channels is in this sensitivity, both channels will be switched to Average = 4.
Steps	5 mV/div...100V/div	In a 1-2-5 sequence of 14 positions.
Error Limit		
Overall	± (2% ± 1 digit)	Add 3% for 1 mV and 2 mV per IEC 351 for frequencies < 1 MHz.
Nonlinearity	± (2% ± 1 digit)	
* Dynamic Range	9.5 div 4 div	for frequencies < 10 MHz. for frequencies up to 50 MHz.
* Position Range (move control)	- 4 div...+ 4 div	
* Frequency Response		Z source = 50Ω.
Lower Transition Point of Bandwidth		
DC Input Coupling	DC	
AC Input Coupling - 3dB	≤ 10 Hz	< 1 Hz including 10 MΩ probe.
Upper Transition Point of Bandwidth	≥ 50 MHz (-3 dB)	Subtract 5 MHz for < 18 °C and > 28 °C Ambient. Rise time 7 ns.