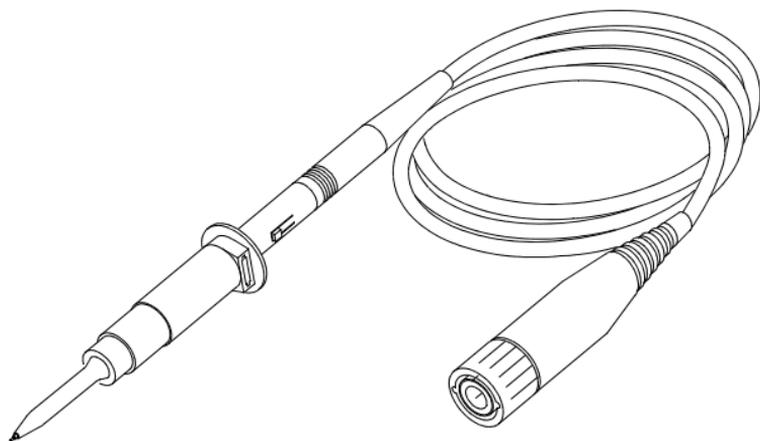


# 10076B High Voltage Probe

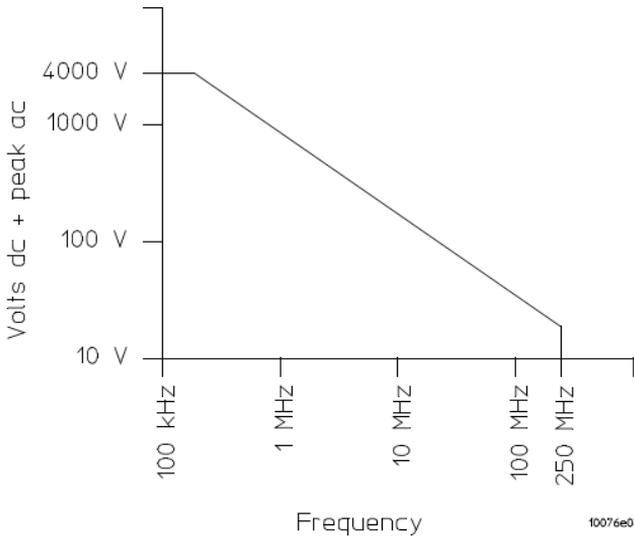


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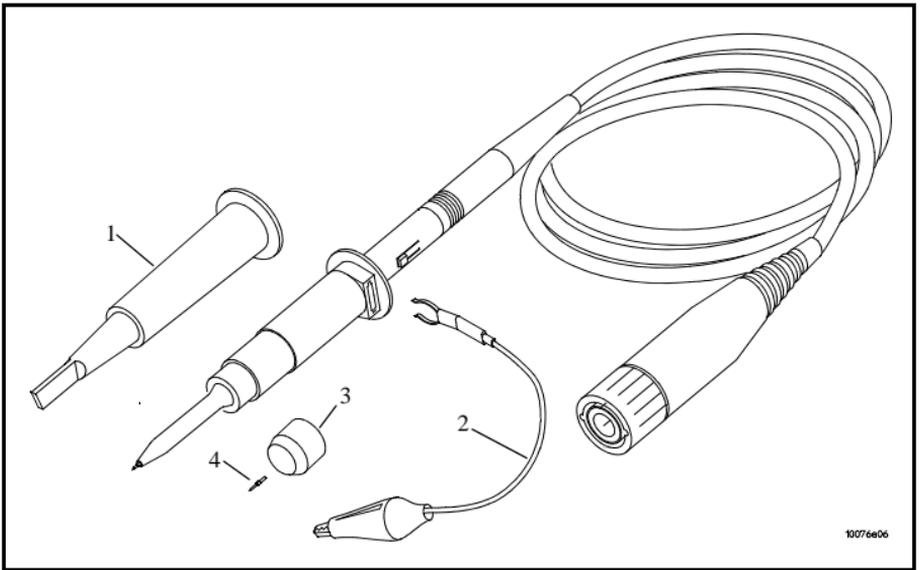
## Characteristics

<b>Operating Temperature</b>	0° to 50° C
<b>Humidity</b>	to 90%
<b>Shock</b>	400g 1/2 sine wave on tip end 50g 1/2 sine wave on BNC end
<b>Propagation Delay</b>	≈ 8 ns (1.8 m probe cable length)
<b>Altitude</b>	3000 m (indoor use only)
<b>System Bandwidth</b>	a. 250 MHz when used with 500 MHz bandwidth oscilloscope b. Oscilloscope bandwidth when used with oscilloscope with ≤ 150 MHz bandwidth
<b>System Risetime (Calculated)</b>	a. < 1.4 n sec when used with 500 MHz oscilloscope b. Oscilloscope risetime when used with oscilloscope with ≤ 150 MHz bandwidth
<b>Attenuation Ratio</b>	100:1
<b>Input Resistance</b>	66.7 MΩ
(when terminated into 1 MΩ)	
<b>Input Capacitance</b>	≈ 3 pF
<b>Maximum Input</b>	4000 V CAT I (mains isolated)
(dc + ac peak)	1000 V CAT II (post receptacle mains)
pollution degree 2	
<b>Compensation Range</b>	6 - 20 pF
<b>Probe Readout</b>	Yes

**Cleaning:** If your probe requires cleaning, disconnect it from the instrument and clean it with mild detergent and water. Make sure the probe is completely dry before reconnecting it to the instrument.



### Probe Derating Curve (CAT I)



### 10077A Accessory Kit

Item	Description	Qty
1	Retractable Hook Pin	1
2	Ground Lead	1
3	Insulation Cap	1
4	Measuring Pin	2
	Identification Tags (not shown in drawing above)	8

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