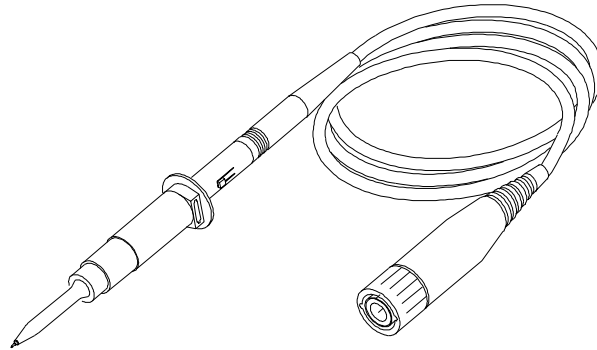




Agilent Technologies

10076A High Voltage Probe

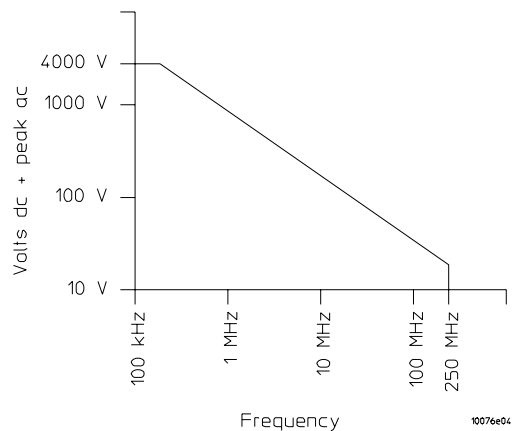


10076e05

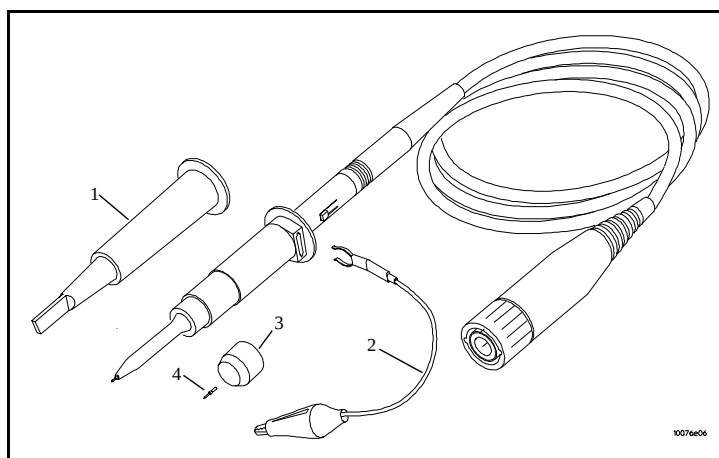
Characteristics

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

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Agilent Technologies Part Number 10076-92000
 October 1999