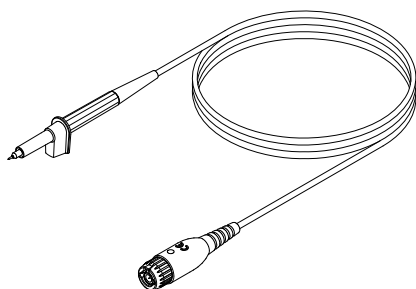


Keysight N7007A

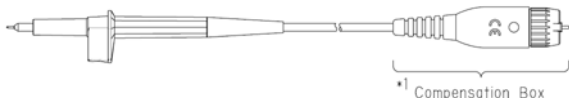
Passive Probe - 400 MHz

Extreme Temperature



Characteristics

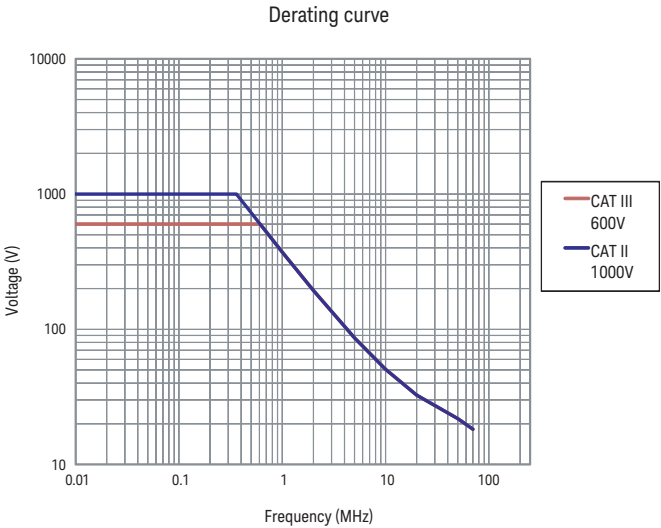
System Bandwidth (-3 dB)	70 MHz (with retractable hook tip) 400 MHz (with short spring ground tip)
System Risetime (Calculated)	< 1.4 n sec
Attenuation Ratio	10:1
Input Resistance @DC	10 M Ω (when terminated into 1 M Ω)
Input Capacitance	\approx 15.5 pF
Oscilloscope Compensation Range	6-18 pF
Maximum Input Voltage (dc + ac peak) pollution degree 2	<div style="display: flex; align-items: center;"> <div> 1000 V CAT II (post receptacle main) 600 V CAT III DO NOT connect to a circuit above these maximums </div> </div>
Cable Length	2.0 m
Operating Temperature	-40°C to 85°C 5°C to 40°C only compensation box *1



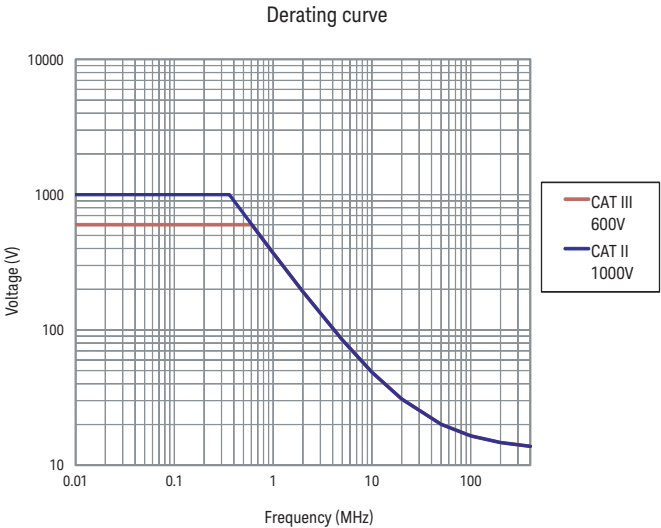
Humidity	to 90% when 40°C
Altitude	3000 m (indoor use only)

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.

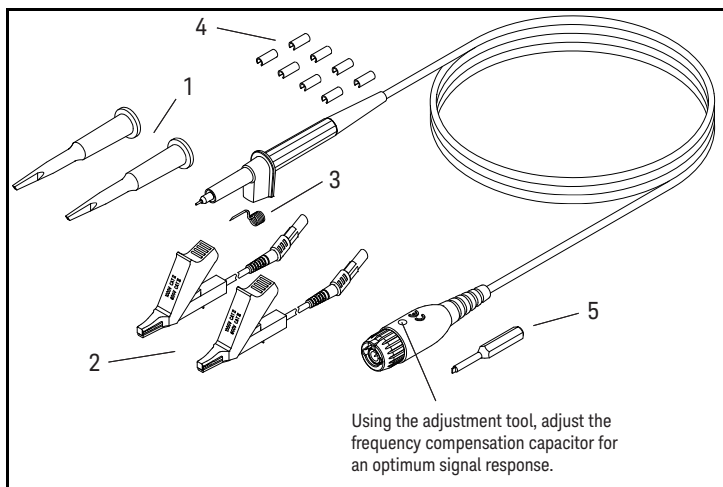
NOTE: To reach maximum bandwidth inside a thermal chamber, a probe positioner such as the Keysight N2787A should be used to secure and locate the probe tip and the spring ground clip.



Probe derating curve (frequency limits measurable voltage) when used with the retractable hook tip



Probe derating curve (frequency limits measurable voltage) when used with ground spring tip



Standard Accessories

Item	Description	Qty
1	Retractable Hook Tip	2
2	Alligator Ground Lead	2
3	Spring Ground Tip	1
4	Identification Tags	8
5	Adjustment Tool	1

To install the spring ground tip, rotate it counter-clockwise as you press it on (or pull it off). The spring ground tip is fully engaged when the coil is entirely inside the plastic housing.

Optional Accessories

- N7006A spring ground tip
- N7008A retractable hook tip
- N7009A alligator ground lead

Instrument Markings



The CE mark is a registered trademark of the European Community. ISM GRP 1-A denotes the instrument is an Industrial Scientific and Medical Group 1 Class A product. ICES/NMB-001 indicates product compliance with the Canadian Interference-Causing Equipment Standard.



This product complies with the WEEE Directive (2002/96/EC) marking requirements. The affixed label indicates that you must not discard this electrical/ electronic product in domestic household waste. Product Category: With reference to the equipment types in the WEEE Directive Annex I, this product is classed as a "Monitoring and Control instrumentation" product. Do not dispose in domestic household. To return unwanted products, contact your local Keysight office, or refer to www.keysight.com for more information.

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