



## HNP Hydrophones

The HNP Series needle hydrophones are excellent sensors for laboratory use in ultrasonic field mapping, with pinpoint access and good spatial resolution. While they have lower sensitivity than the HNC series, these hydrophones have a flatter sensitivity and better directivity.

### Features

- Small size
- Broadband
- Range of apertures available
- Very stable
- Low cost

### Technical Specifications

	HNP-0150	HNP-0200	HNP-0400	HNP-1000
<b>Frequency range (<math>\pm 6</math>dB)</b>	1 - 20 MHz			
<b>* EOC Nominal Sensitivity [nV/Pa]</b>	7	12	50	220
<b>* EOC Nom. Sens. [dB re 1V/uPa]</b>	-283	-278	-266	-253
<b>Acceptance angle (-6dB at 5 MHz)</b>	140°	110°	60°	25°
<b>Capacitance</b>	70 pF			
<b>Max. Operating Temperature</b>	50°C			

\* EOC ("end of cable") is the open-circuit output sensitivity of the hydrophone. Calibration with an amplifier can be determined from the gain and input impedance of the amplifier.

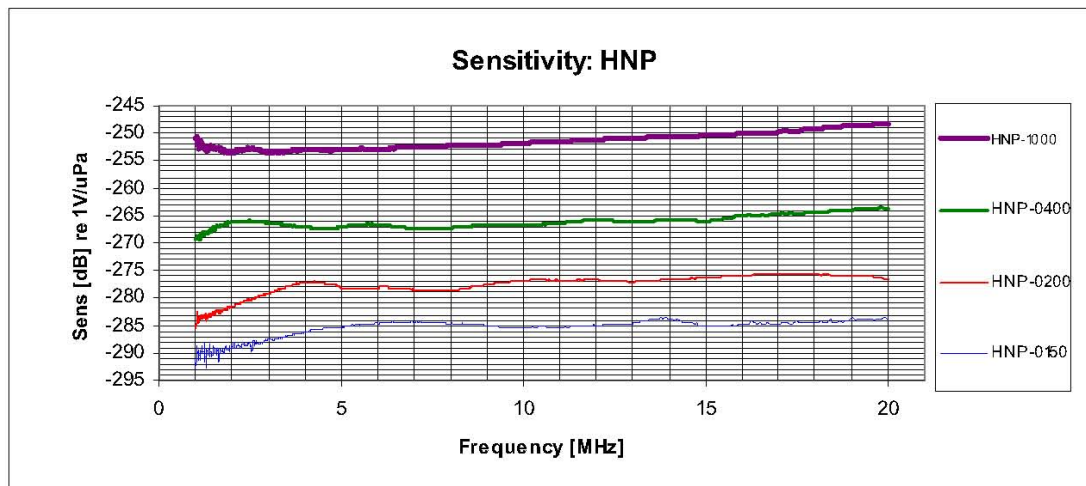
Provided with traceable calibration 1-20 MHz at 50 KHz intervals. For other calibrations available visit our web site.

Specifications are subject to change without notice.

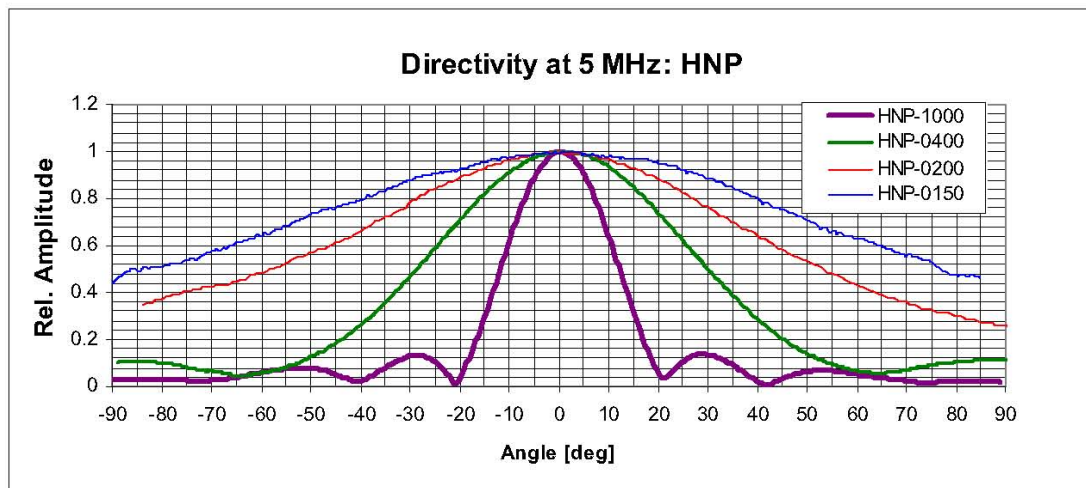


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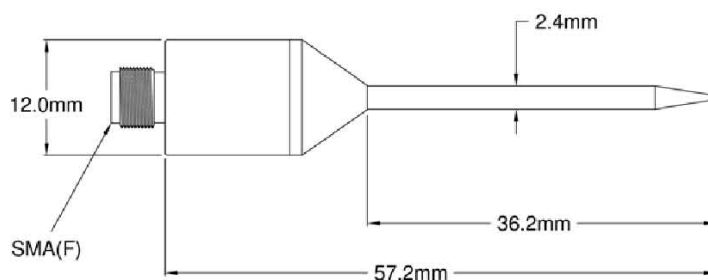
## Typical Sensitivity Plot



## Typical Directivity Plot



## Mechanical Specifications



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取扱店:



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