

NDE Transducers

Verasonics now offers two 5MHz linear phased array transducers designed to enhance your research in NDE/NDT applications. These probes, manufactured by Imasonic SAS, were designed for performance and reliability and are available with 64 and 128 elements. Both are compatible with all standard frequency and high frequency Vantage configurations.

Imasonic 5 MHz 64 and 128 **Elements Specifications:**

Center Frequency (MHz)	5
Bandwidth (-6 dB)	>60%
Elements	64 or 128
Pitch (mm)	0.5
Elevation Width (mm)	10
KERF / Inter Element Spacing (mm)	0.1
Acoustic Design	Hard Face
Matching Layer	Front face with improved resistance for use in direct contact
Cable length (m)	1.5
Connector	IPEX connector EMC
Compatible UTA Adapter	UTA 160-SI/8 LEMO
Compatibility	Standard Frequency and High Frequency Configurations of Vantage 256, 128 & 64LE,

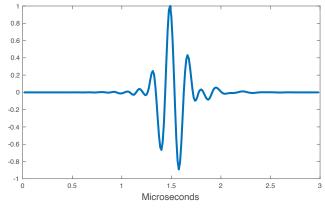
Ordering Information

Product Name	Product Description
P5-128vN	5MHz, 128 element linear phased array
P5-64vN	5MHz, 64 element linear phased array

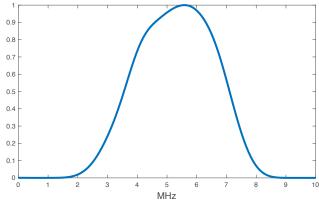
64. 32LE



2-Way Impulse Response from Flat Plate in Water



2-Way Frequency Response



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