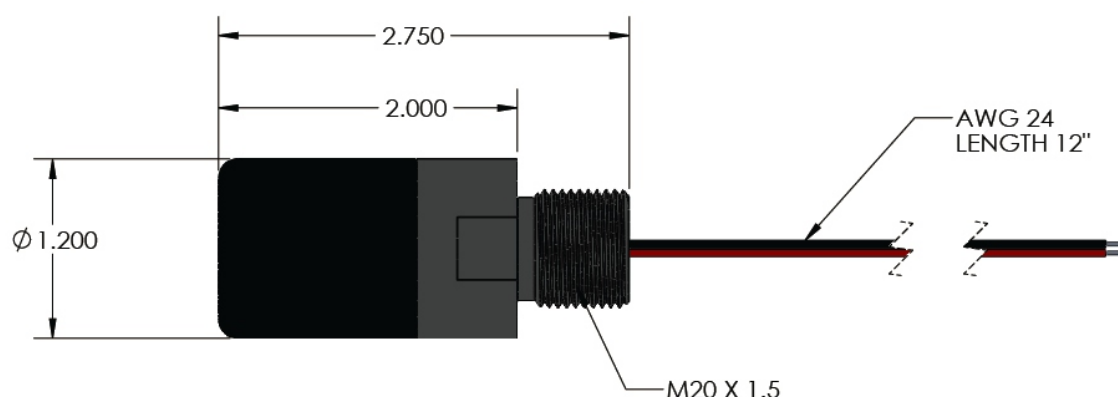


SEISMIC HYDROPHONE

SQ21-00

SENSOR
TECHNOLOGY

The SQ21 series of seismic hydrophone is made with a piezoelectric ceramic cylinder, giving an omnidirectional response in the radial plane. The piezo element offers a receive sensitivity of -191.5 dB over 1Hz - 10 kHz, and may be used as a low power transmitter with a resonance at 40kHz. The SQ21 comes standard with a threaded bulkhead mounting and a two wire pigtail output . Mounting points, connectors, and other parameters can all be customized. Please contact us to discuss your specific requirements.



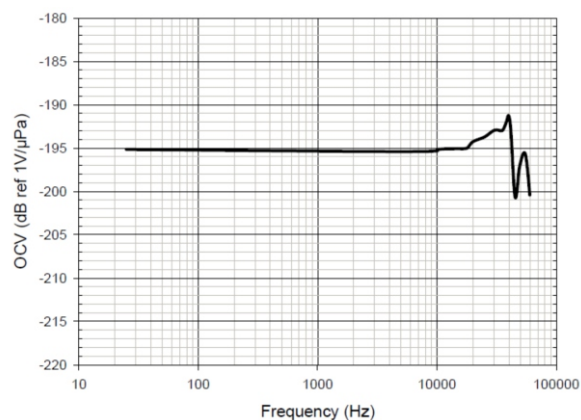
RECEIVE SENSITIVITY	-191.5 dB re 1 V/ μ Pa @ 20°C
RESONANCE FREQUENCY	40kHz
CAPACITANCE	2.4 nF \pm 20% @ 20°C
OPERATING DEPTH	1000 m



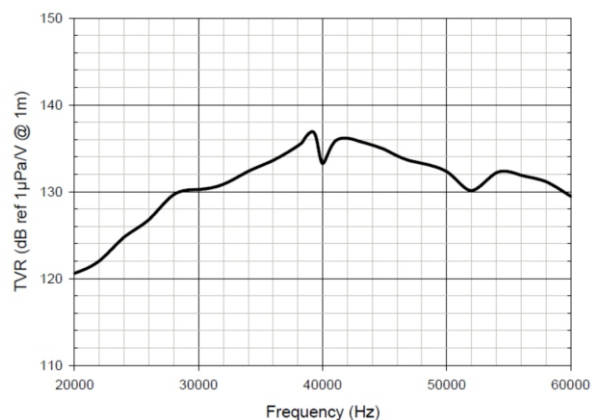
SEISMIC HYDROPHONE

SQ21-00

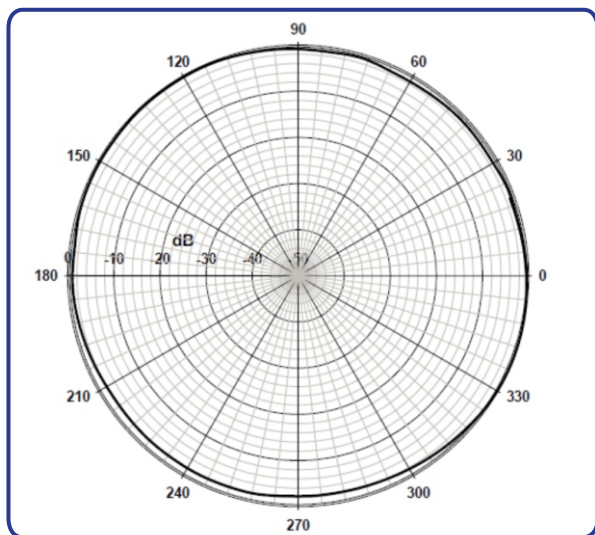
SENSOR
TECHNOLOGY



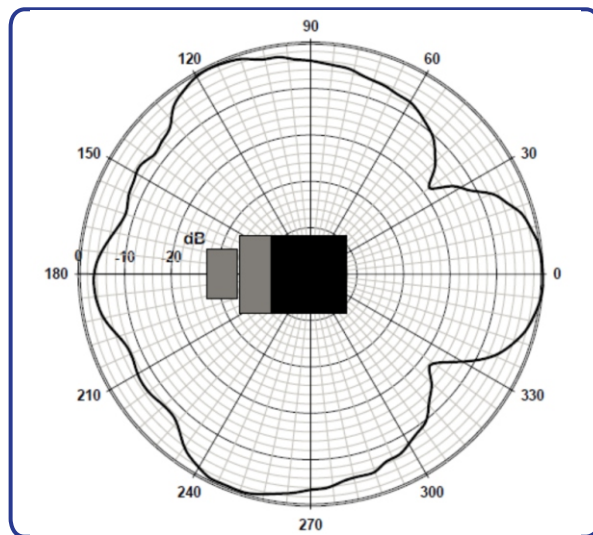
Receive Voltage Response



Transmit Voltage Response



Directivity Pattern at 40 kHz, Radial Plane



Directivity Pattern at 40 kHz, Axial Plane

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