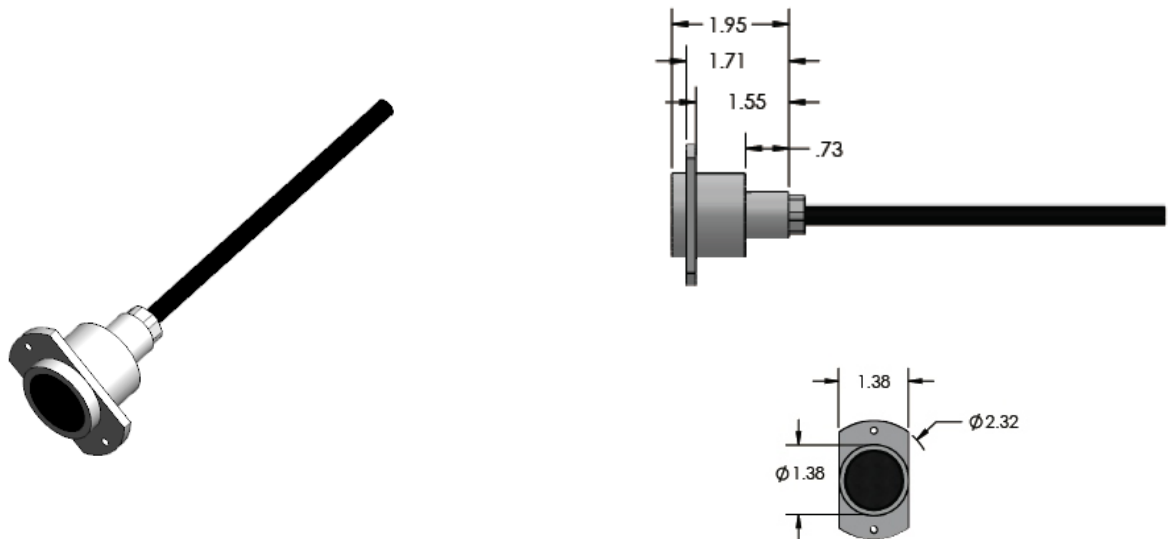


DIRECTIONAL TRANSDUCER

SX20-02

SENSOR
TECHNOLOGY

The SX20-02 is a directional transducer made with a piezoelectric ceramic disc. The piezo element offers an operating frequency of 200 kHz that is typical for fish finding applications. The transducer can be used in send-receive or send-only modes, depending on the desired application. The SX20-02 has a 20° beam angle and a usable bandwidth of 180-220 kHz. Mounting options, and connector types can be modified to meet customer requirements. Contact us to discuss your specific requirements.

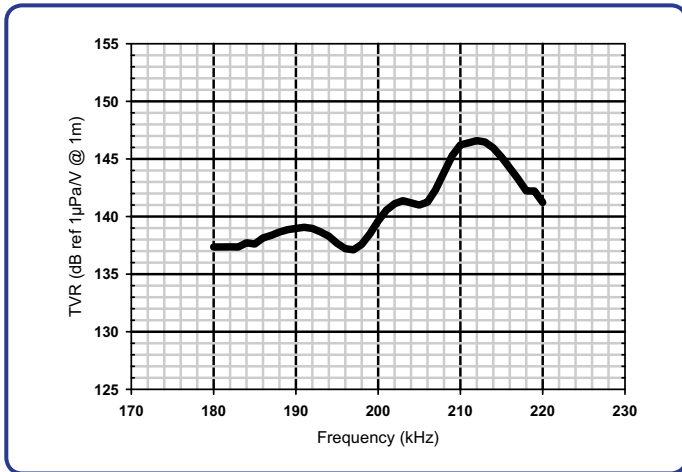


RESONANCE FREQUENCY	200 kHz
TRANSMIT SENSITIVITY	140 dB re 1 μ Pa/V @ 1 m
RECEIVE SENSITIVITY	-195 dB re 1 V/ μ Pa @ 20°C
BEAM WIDTH AT Fr	20°
CAPACITANCE	1.1 nF \pm 15% @ 20°C
OPERATING DEPTH	100 m

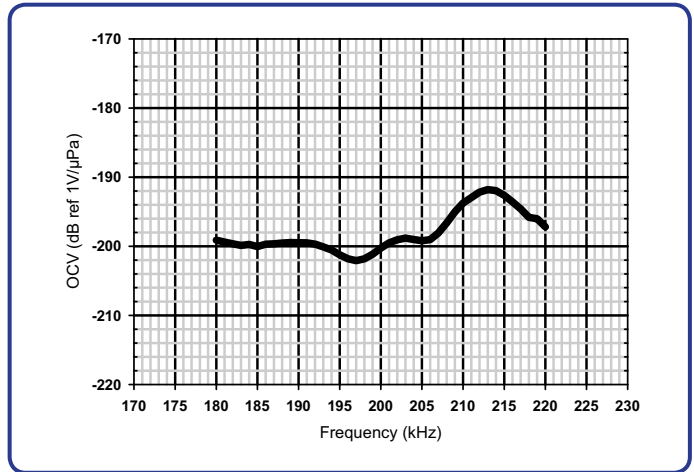


DIRECTIONAL TRANSDUCER

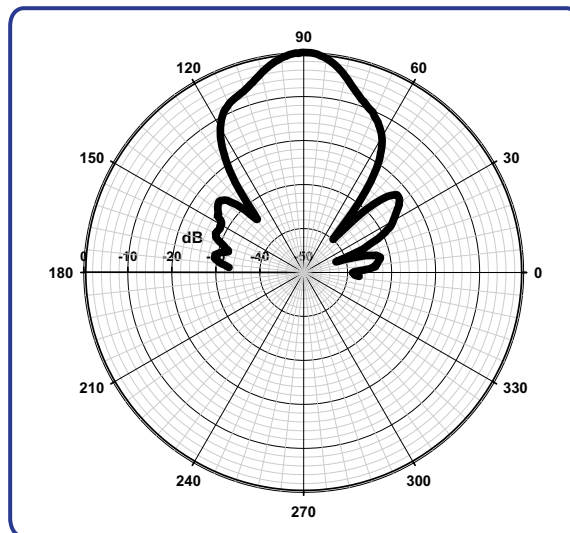
SX20-02



Transmit Voltage Response



Receive Voltage Response



Directivity Pattern at 200 kHz, Radial Plane

Contact Us via:
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