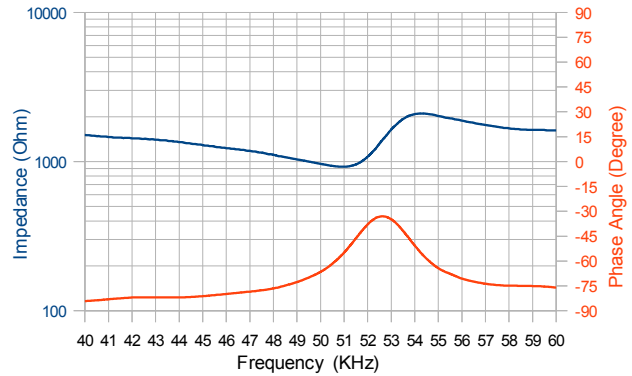




Impedance/Phase Angle vs. Frequency

Tested under 1Vrms Oscillation Level



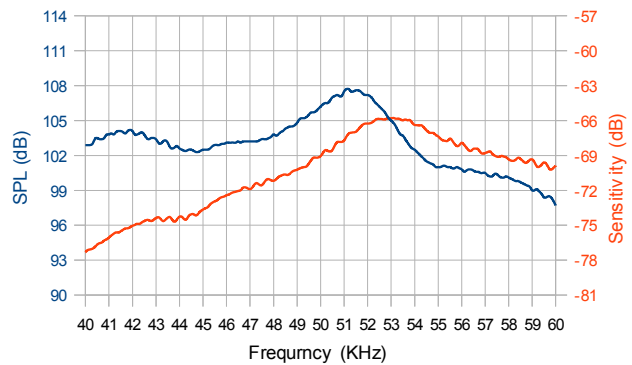
Asymmetric Beam Patterns

Specification

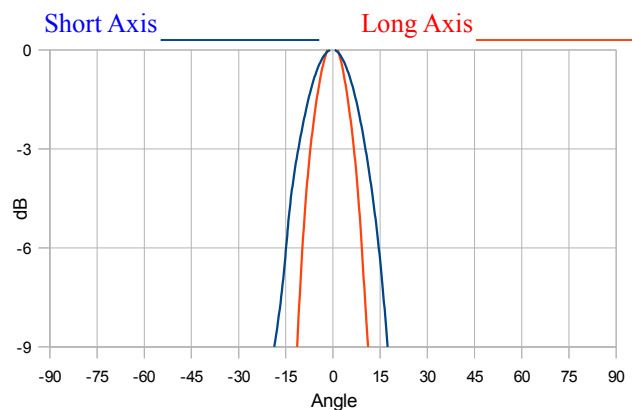
480EP900	Transceiver
Center Frequency	48.0±1.0KHz
Bandwidth (100dB) Transmitter	15.0KHz
(-80dB) Receiver	15.0KHz
Transmitting Sound Pressure Level at 48Khz; 0dB re 0.0002µbar per 10Vrms at 30cm	100dB min.
Receiving Sensitivity at 48.0Khz; 0dB = 1 volt/µbar	-80dB min.
Nominal Impedance (Ohm)	1000
Ringng (ms)	1.2 max.
Capacitance at 1KHz ±20%	2400 pF
Max. Driving Voltage (cont.)	20Vrms
Total Beam Angle -6dB Long Axis	18° typ.
Short Axis	30° typ.
Operation Temperature	-30 to 70°C
Storage Temperature	-40 to 80°C

Sensitivity/Sound Pressure Level

Tested under 10Vrms @30cm

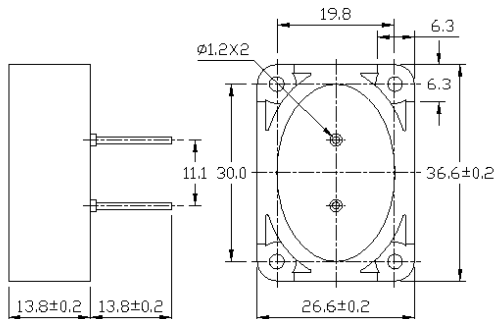


Beam Angle: @48KHz



All specification taken typical at 25°C
 Closer frequency tolerance, shorter ringing and wider bandwidth models can be supplied upon request.

Dimensions: dimensions are in mm



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