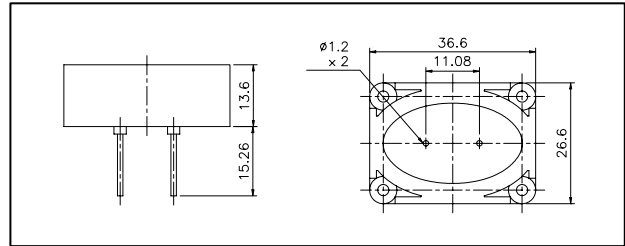




Dimensions: dimensions are in mm

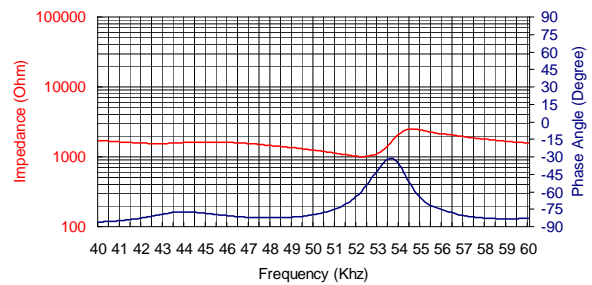


Asymmetric Beam Patterns

Specification

480EP900	Transceiver
Center Frequency	48.0±2.0Khz
Bandwidth (100dB) Transmitter	15.0Khz
(-80dB) Receiver	15.0Khz
Transmitting Sound Pressure Level	100dB min.
at 48Khz; 0dB re 0.0002μbar per 10Vrms at 30cm	
Receiving Sensitivity	-80dB min.
at 48.0Khz; 0dB = 1 volt/μbar	
Nominal Impedance (Ohm)	1000
Ringing (ms)	1.2 max.
Capacitance at 1Khz ±20%	2400 pF
Max. Driving Voltage (cont.)	20Vrms
Total Beam Angle -6dB	Typical
Long Axis (X)	43/48/53Khz
Short Axis (Y)	22/24/28°
Operation Temperature	-30 to 70°C
Storage Temperature	-40 to 80°C

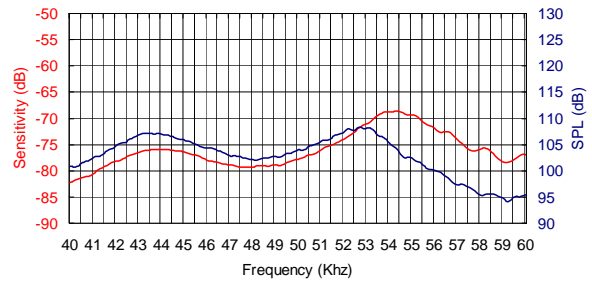
Impedance/Phase Angle vs. Frequency



Tested under 1Vrms Oscillation Level

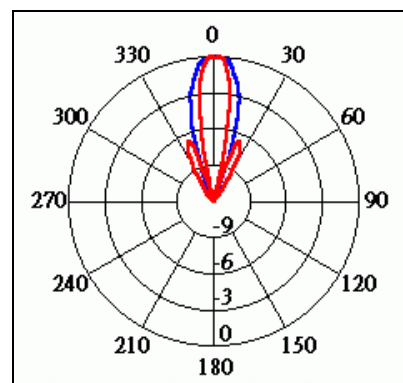
Sensitivity/Sound Pressure Level

Tested under 10Vrms @30cm



Beam Angle: @48KHz

Short Axis _____
 Long Axis _____



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