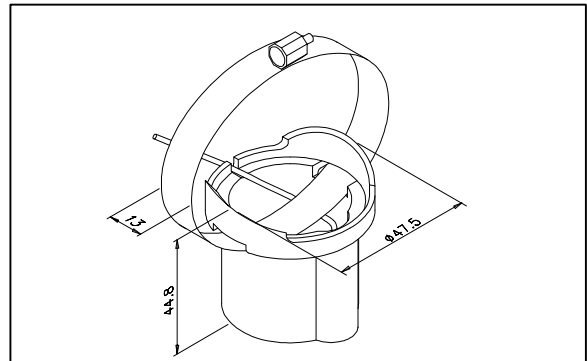




Dimensions: dimensions are in mm



Specification

| | |
|--|--------------------|
| 200LM450 | Transceiver |
| Center Frequency | 200±10.0Khz |
| Bandwidth (FOM -6dB) | 25Khz |
| Transmitting Sound Pressure Level | 160dB min. |
| 0dB re 1µPa per 1Vrms at 100cm | |
| Receiving Sensitivity | -180dB min. |
| 0dB = 1 volt/µPa | |
| Submerged Impedance (Ohm) | 200 |
| Capacitance at 1Khz ±20% | 2000 pF |
| Input Power (Pulse Drive) | 50 Watts |
| Total Beam Angle -6dB | 20° |
| Cable Length | 4.5 m |
| Molded Connector | RCA Phono plug 90° |
| Housing Material | Plastic resin |

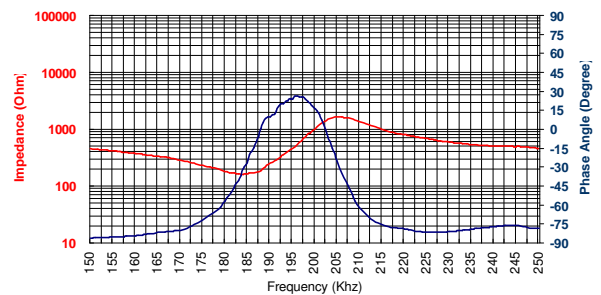
Closer frequency tolerance, shorter ringing and wider bandwidth models can be supplied upon request.

Model available:

| | | |
|---|----------|-----------------|
| 1 | 200LM450 | Plastic Housing |
|---|----------|-----------------|

Submerged Impedance/Phase Angle vs. Frequency

Tested under 1Vrms Oscillation Level



Receiving /Transmitting Sensitivity

Tested at distance of 100cm

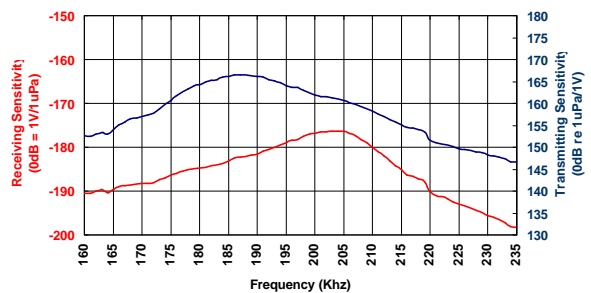


Figure of Merit

(Receiving Sensitivity + Transmitting Sensitivity)

