

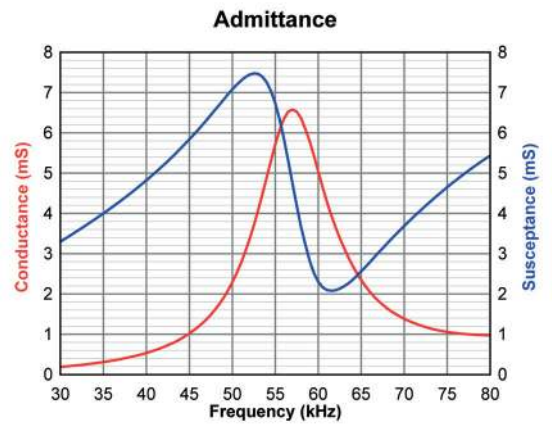
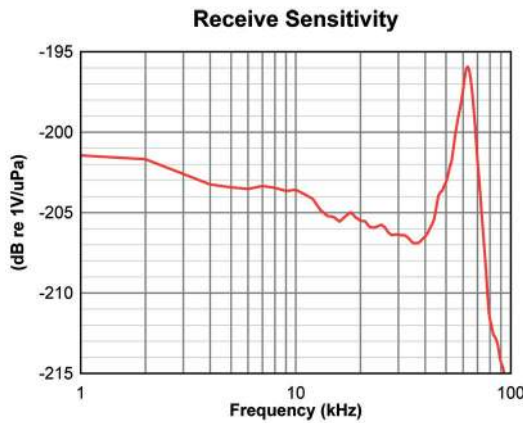
# MODEL D/60



- **OMNI-DIRECTIONAL RESPONSE**
- **LOW NOISE PERFORMANCE**
- **ACOUSTIC REFERENCE STANDARD**
- **BROADBAND OPERATION**
- **AIR GUN & BOOMER MONITOR**
- **MARINE MAMMAL AUDIO SENSOR**

A versatile transducer with a wide range of transmitting and receiving applications the D/60 is equally at home as a cost effective, general purpose hydrophone or as a precision, acoustic sensor in a scientific measurement system.

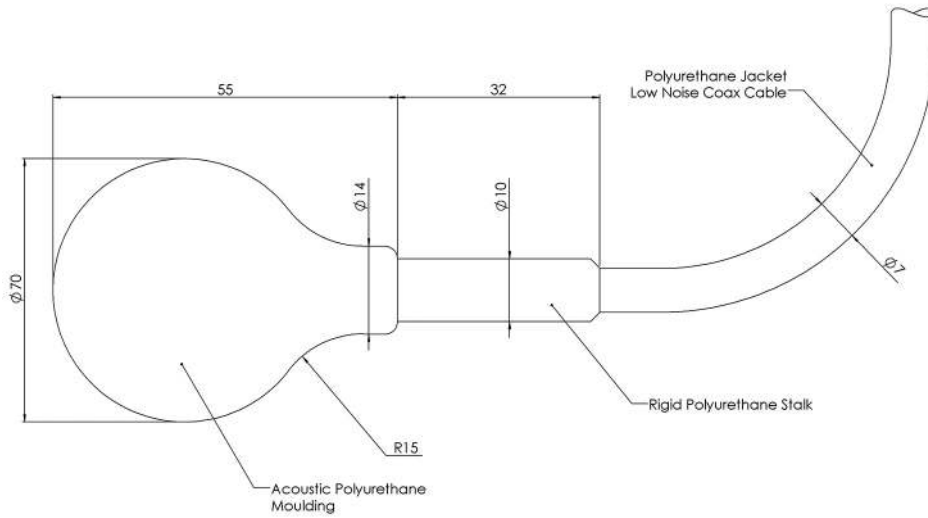
The D/60 is available with or without acoustic calibration which is traceable to National Standards.



## TECHNICAL SPECIFICATION

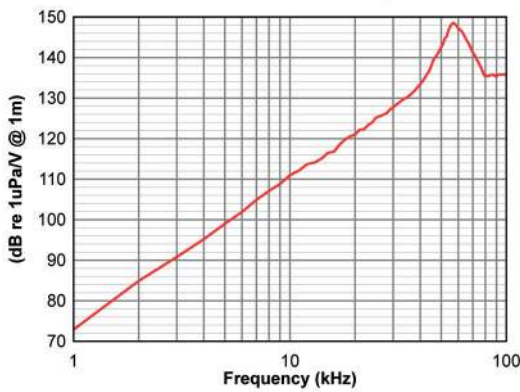
Resonant Frequency (Nominal)	60 kHz
Beam Pattern	Omni $\pm 2$ dB up to 70 kHz
Receive Sensitivity	-201 dB re 1V/ $\mu$ Pa
Transmit Sensitivity	148 dB re 1 $\mu$ Pa/V @ 1m
Capacitance at 1 kHz (with 10m cable)	11,000 pF
Transmit Voltage (Max)	150 Vrms
Transmit Voltage / Duty Cycle (Max)	150 Vrms at 10% 40 Vrms at 100%

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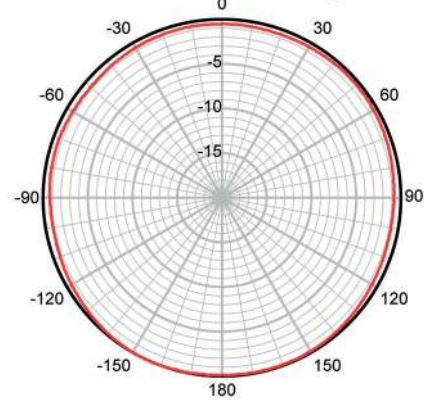


All dimensions in mm

**Transmit Sensitivity**



**Horizontal Beam Pattern @ 60kHz**



## MECHANICAL SPECIFICATION

Operating Depth	900m Standard (Optional 4000m - may require an export license)
Weight Air/Water (including 10m cable)	0.68 kg / 0.25 kg
Operating Temperature	-5 to +40 °C
Storage Temperature	-40 to +80 °C
Cable Type	Polyurethane Ø7mm Low Noise Coaxial (Optional Ø7mm Polyurethane Screened Twisted Pair)
Cable Length	10 metres standard (Additional lengths supplied to order)
Connector	Not fitted as standard (Optional BNC or Customer Specific)