

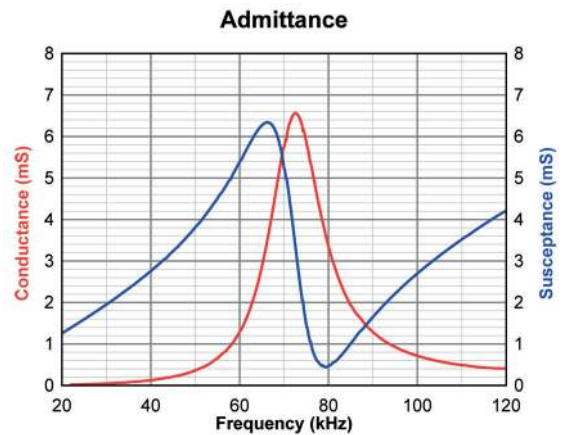
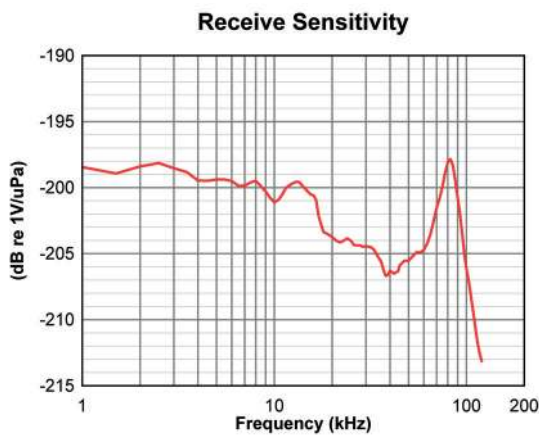
MODEL D/70



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

The all moulded construction and inherent strength of the PZT ceramic sphere achieves a robust, light weight, corrosion free design making it the ideal choice as a monitor hydrophone for air gun, boomer and other environments where high levels of shock are experienced.

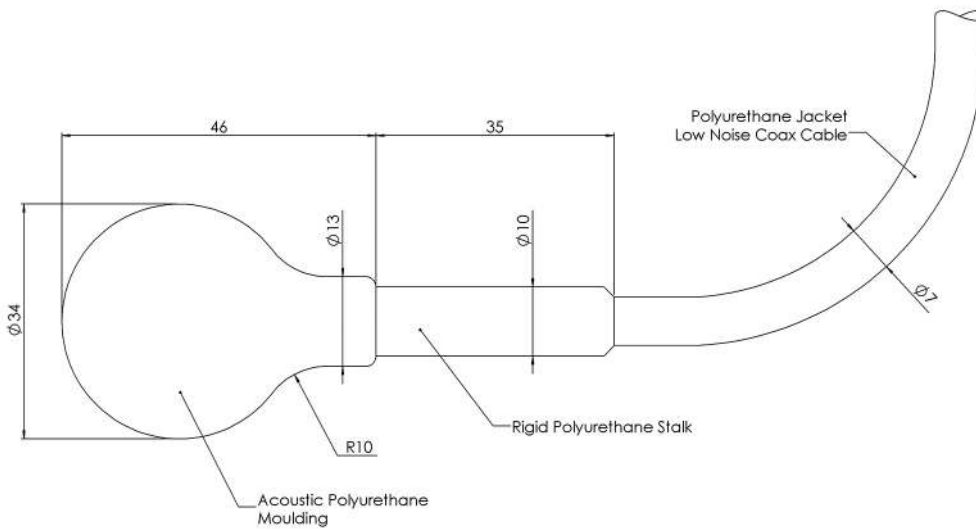
The D/70 is available with or without acoustic calibration which is traceable to National Standards.



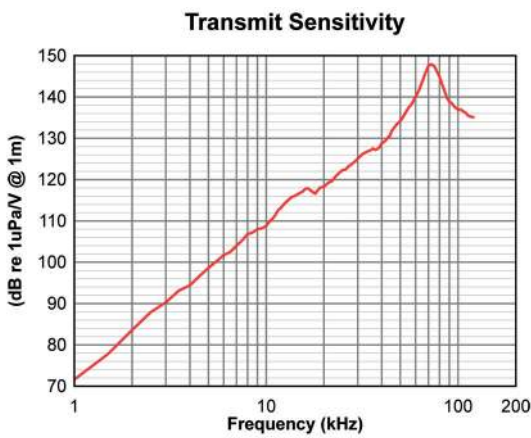
TECHNICAL SPECIFICATION

Resonant Frequency (Nominal)	70 kHz
Beam Pattern	Omni ± 2 dB up to 80 kHz
Receive Sensitivity	-199 dB re 1V/ μ Pa
Transmit Sensitivity	148 dB re 1 μ Pa/V @ 1m
Capacitance at 1 kHz (with 10m cable)	9,900 pF
Transmit Voltage (Max)	100 Vrms
Transmit Voltage / Duty Cycle (Max)	100 Vrms at 10% 30 Vrms at 100%

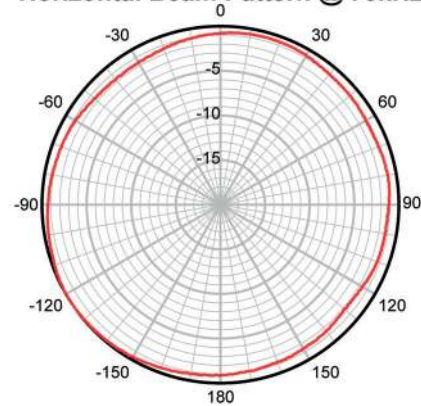
MODEL D/70



All dimensions in mm



Horizontal Beam Pattern @ 70kHz



MECHANICAL SPECIFICATION

Operating Depth	900m Standard (Optional 1500m - may require an export license)
Weight Air/Water (including 10m cable)	0.64 kg / 0.23 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)