

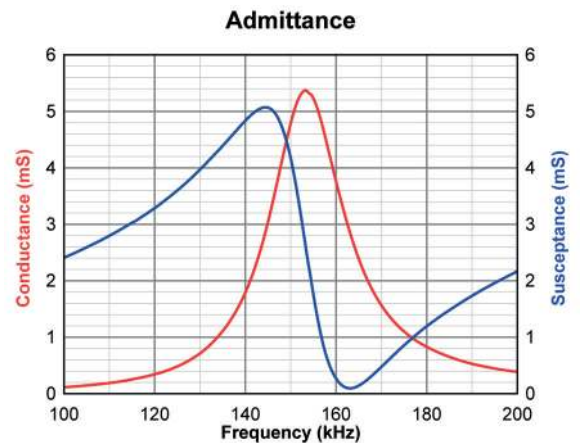
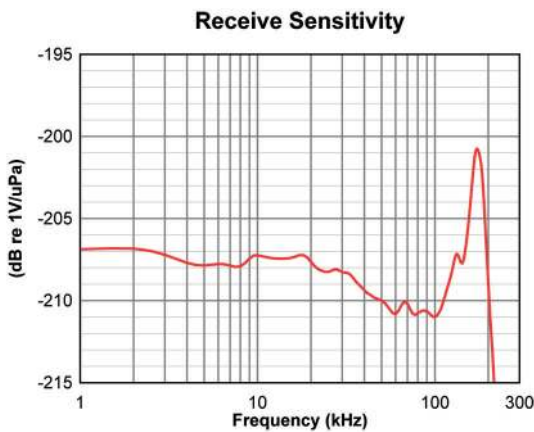
MODEL D/140



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

The D/140 is one of a group of spherical transducers exhibiting a combination of broadband frequency response, omni-directional beam pattern and high sensitivity.

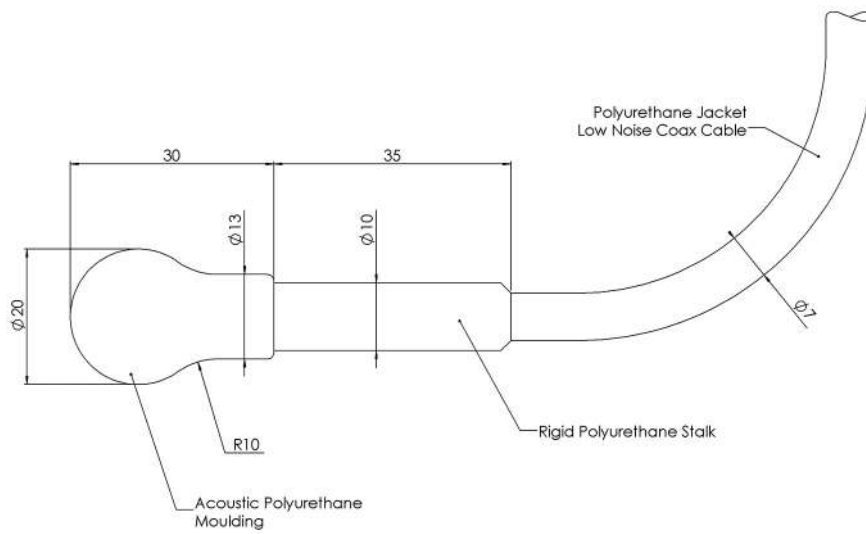
The D/140 is available with or without acoustic calibration which is traceable to National Standards.



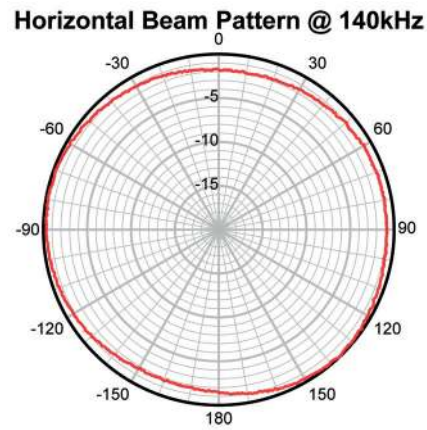
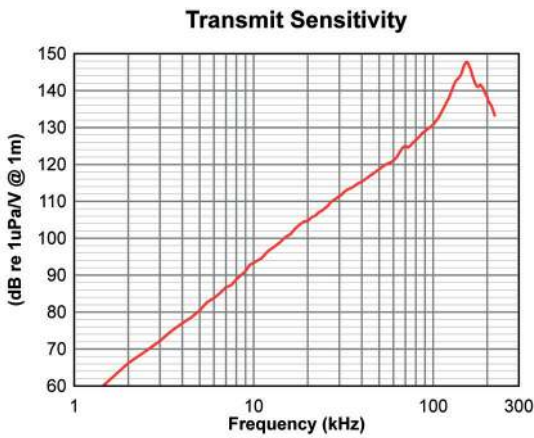
TECHNICAL SPECIFICATION

Resonant Frequency (Nominal)	150 kHz
Beam Pattern	Omni ± 2 dB up to 160 kHz
Receive Sensitivity	-207 dB re 1V/ μ Pa
Transmit Sensitivity	148 dB re 1 μ Pa/V @ 1m
Capacitance at 1 kHz (with 10m cable)	3,200 pF
Transmit Voltage (Max)	100 Vrms
Transmit Voltage / Duty Cycle (Max)	75 Vrms at 10% 20 Vrms at 100%

MODEL D/140



All dimensions in mm



MECHANICAL SPECIFICATION

Operating Depth	900m Standard (Optional 1500m - may require an export license)
Weight Air/Water (including 10m cable)	0.59 kg / 0.2 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)