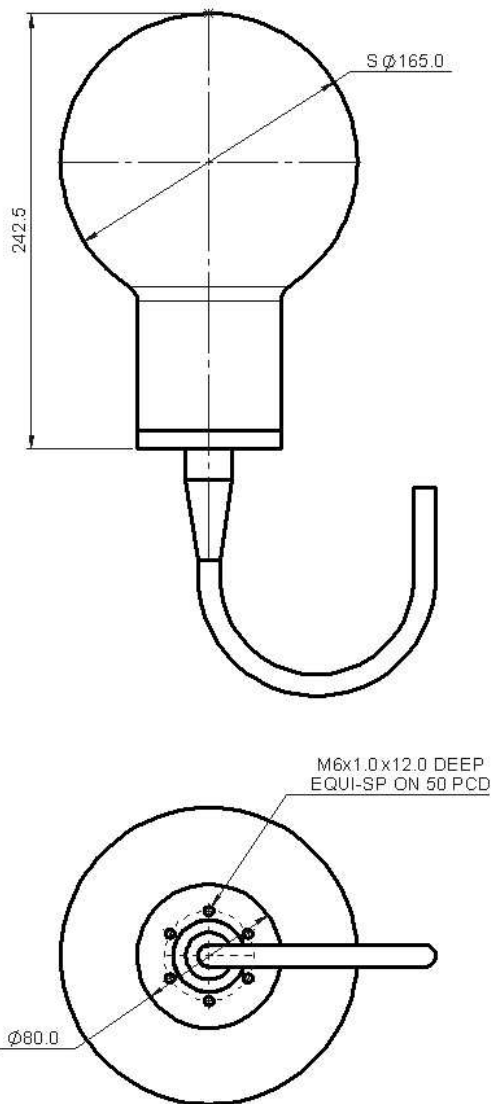


- NEAR OCTAVE BANDWIDTH
- OMNI-DIRECTIONAL RESPONSE
- EFFICIENT TRANSMITTER
- HIGH POWER PROJECTOR
- DEEP WATER CAPABILITY



All dimensions in mm

The D/II/BB is a wide band, highly efficient, omni-directional transmit and receive transducer.

With a -3db bandwidth from 8 kHz to 19 kHz the D/II/BB is a high power, long range transducer ideally suited for use in low frequency noise systems, long-range transponder applications and long range voice/data comms systems.

The robust, corrosion free construction enables the transducer to operate in extreme underwater environments and withstand high mechanical and explosive shock levels.

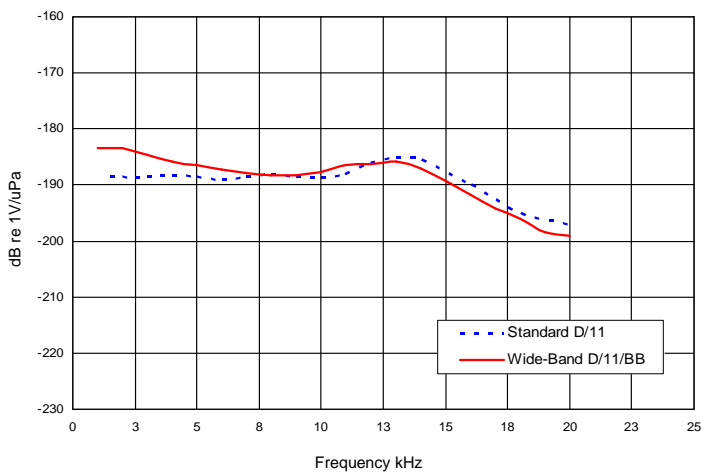
The over-moulded design enables the D/II/BB to be mechanically robust and suitable for harsh environments. Electrical connection to the transducer is by a 2 core screened polyurethane cable.

The D/II/BB is available with or without acoustic calibration. All calibrations are traceable to National Standards.

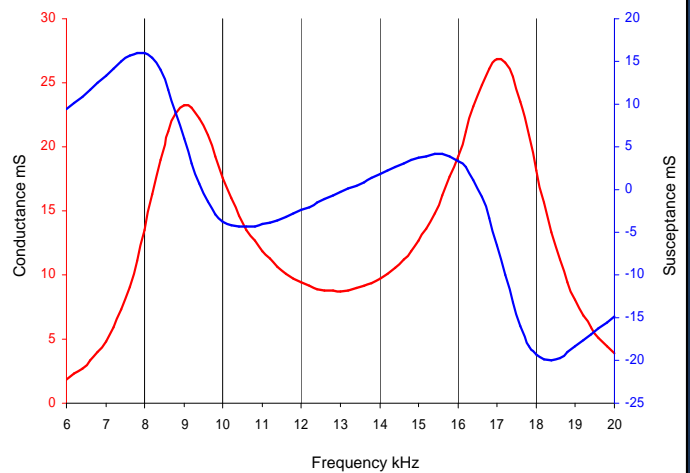
Technical Specification

Frequency Band (-3dB)	8 to 19 kHz
Beam Pattern	Omni
Transmit Sensitivity	See Graph
Input Power	3000 Watts around resonance
Operating Depth	2000 Metres
Operating Temperature	-5 to +40 °C
Storage Temperature	-40 to +80 °C
Cable Type	Polyurethane Ø12mm 2 Core Screened
Cable Length	10 metres standard Additional lengths supplied to order

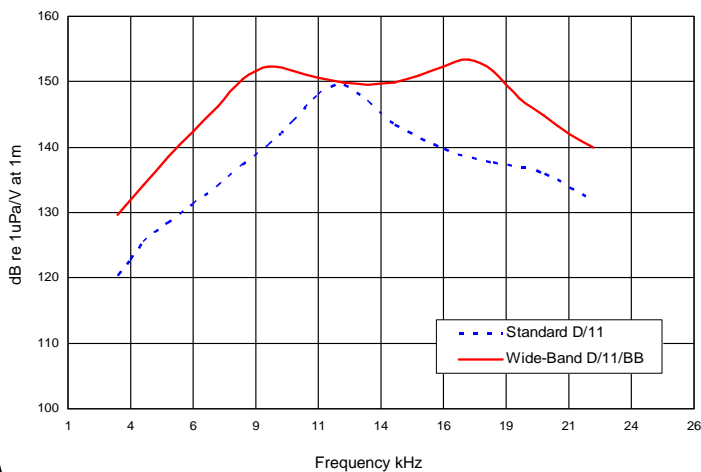
Receive Graph



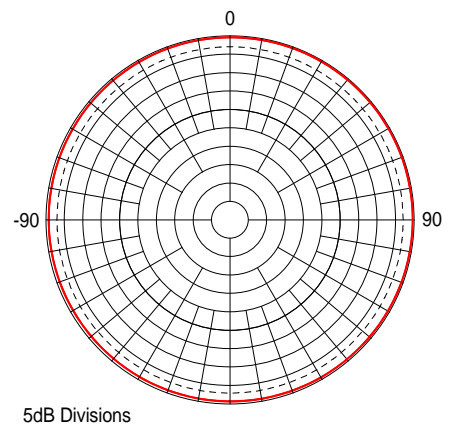
Admittance Plot



Transmit Graph



Beam Pattern at 11 kHz



Data illustrated is taken from actual in-water measurements