

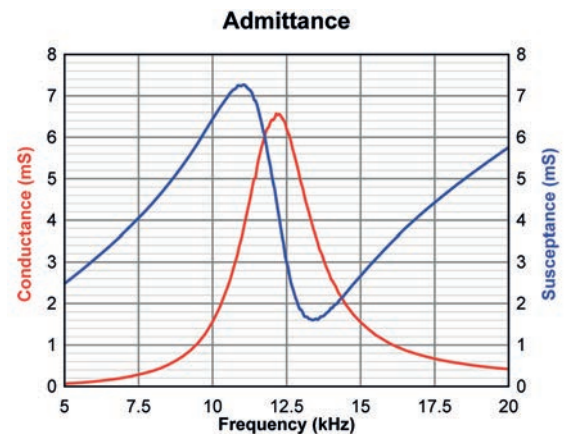
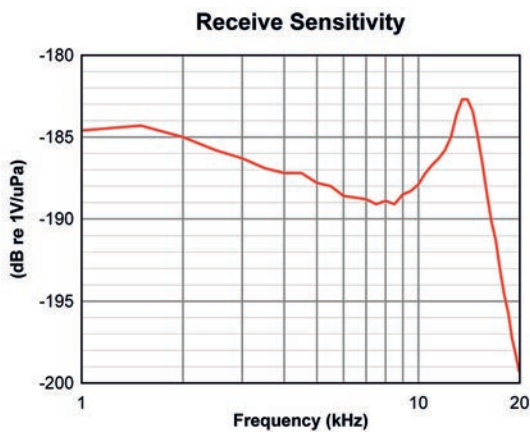
# MODEL D/11



- **OMNI-DIRECTIONAL RESPONSE**
- **BROADBAND OPERATION**
- **HIGH POWER PROJECTOR**
- **DEEP WATER CAPABILITY**

The D/11 spherical transducer is a highly efficient, omni-directional device and is particularly suitable as a broadband noise source or for long range voice and data communications systems. The transducer is extremely robust and able to withstand severe levels of underwater explosive shock.

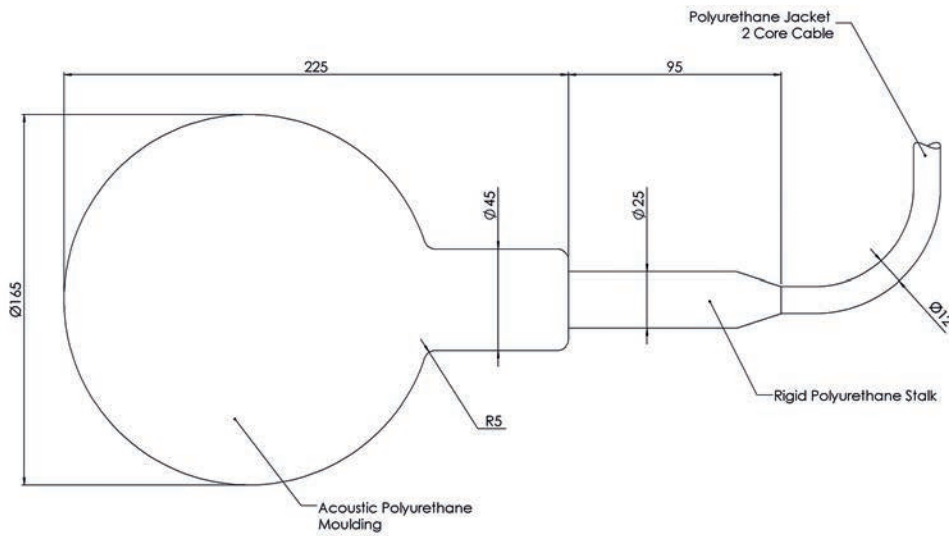
The D/11 is available with or without acoustic calibration, traceable to National Standards.



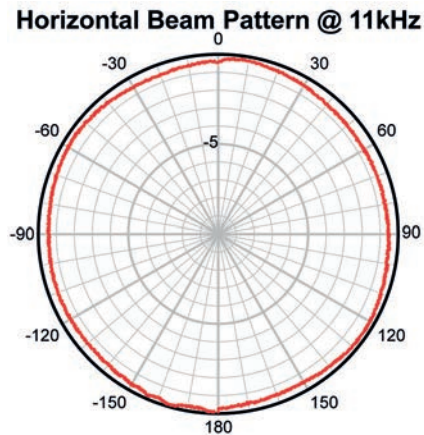
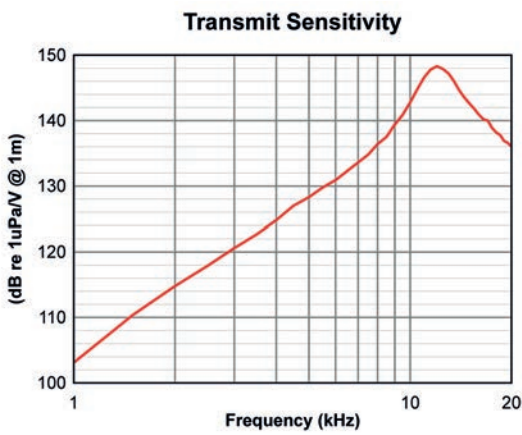
## TECHNICAL SPECIFICATION

Resonant Frequency (Nominal)	11.5 kHz
Beam Pattern	Omni ± 2 dB up to 18 kHz
Receive Sensitivity	-184 dB re 1V/μPa
Transmit Sensitivity	148 dB re 1μPa/V @ 1m
Capacitance at 1 kHz (with 10m cable)	83,000 pF
Transmit Voltage (Abs. Max)	750 Vrms
Transmit Voltage / Duty Cycle (Max)	750 Vrms at 10% 225 Vrms at 100%

# MODEL D/11



All dimensions in mm



## MECHANICAL SPECIFICATION

Operating Depth	2000m Standard (Optional 4000m – both may require an export license)
Weight Air / Water (with 10m cable)	6.9 kg / 3.3 kg
Operating Temperature	-5 to +40 °C
Storage Temperature	-40 to +80 °C
Cable Type	Ø12mm Polyurethane Jacket, Screened Twisted Pair
Cable Length	10m Standard (Additional lengths supplied to order)
Connector	Not fitted as standard (Optional BNC or Customer Specific)