

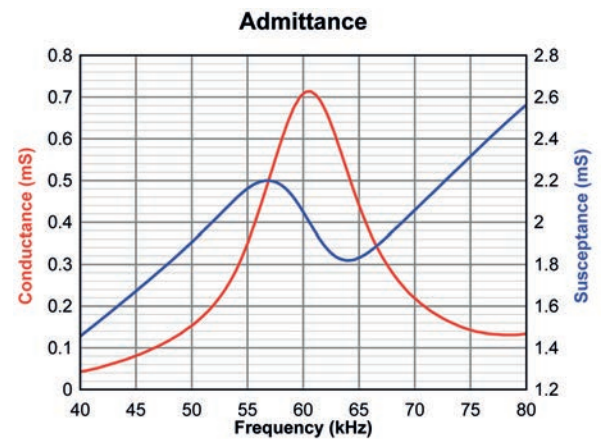
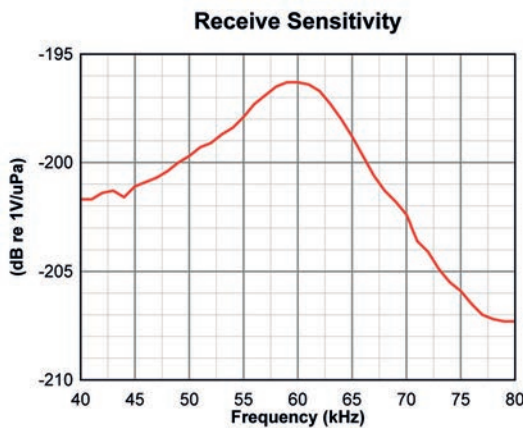
MODEL T226



- 58 KHZ CYLINDRICAL TRANSDUCER
- BROADBAND TRANSMISSION
- TRANSPONDER
- RANGE TRACKING
- COMMUNICATIONS

The T226 is an underwater transducer, designed for use in transponders, beacons, acoustic release mechanisms and data communication systems. The anodised aluminium base incorporates 6 x M4 tapped holes and an 'O' ring seal allowing simple and direct mounting onto equipment or pressure housings.

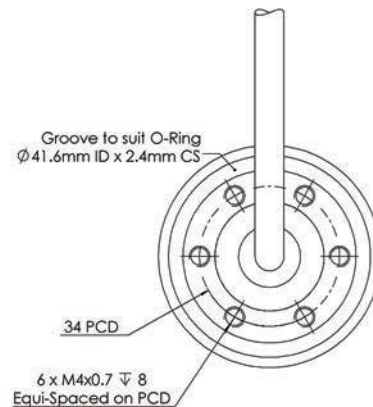
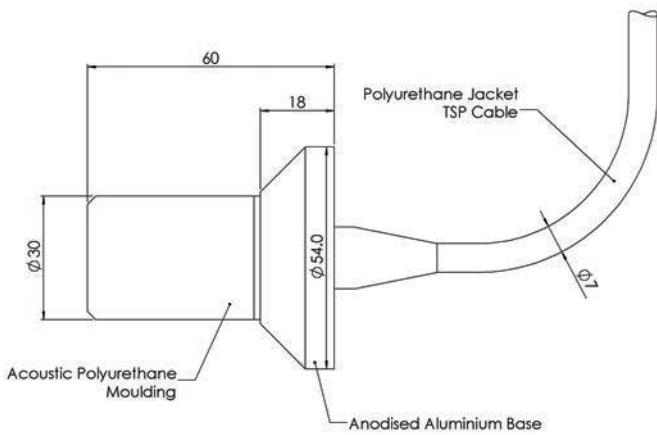
The T226 is available with or without acoustic calibration, traceable to National Standards.



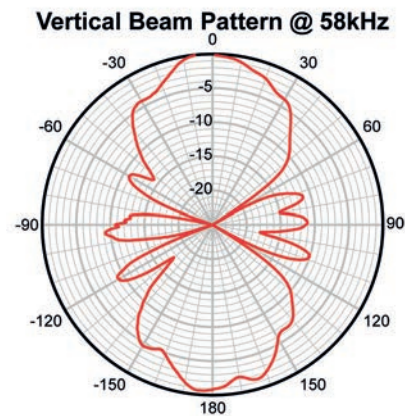
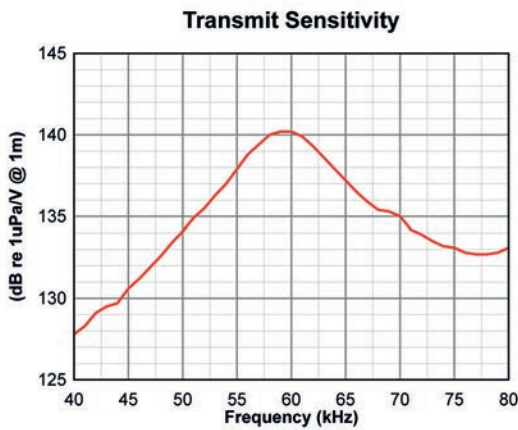
TECHNICAL SPECIFICATION

| | |
|--|-------------------------------------|
| Resonant Frequency (Nominal) | 60 kHz |
| Useful Operating Band | 50 kHz to 70 kHz |
| Beam Pattern (Horizontal) | Omni ± 2 dB |
| Beam Pattern (Vertical) | Toroidal (See Graph) |
| Receive Sensitivity | -197 dB re 1V/μPa |
| Transmit Sensitivity | 140 dB re 1μPa/V @ 1m |
| Capacitance at 1 kHz (with 1m cable) | 5,100 pF |
| Transmit Voltage (Max) | 600 Vrms |
| Transmit Voltage / Duty Cycle (Abs. Max) | 600 Vrms at 10% 150 Vrms at 100% |

MODEL T226



All dimensions in mm



MECHANICAL SPECIFICATION

| | |
|----------------------------------|---|
| Operating Depth | 1500m |
| Weight Air/Water (with 1m cable) | 0.17 kg / 0.1 kg |
| Operating Temperature | -5 to +40 °C |
| Storage Temperature | -40 to +80 °C |
| Cable Type | Ø7mm Polyurethane Jacket, Screened Twisted Pair |
| Cable Length | 1m standard (Additional lengths supplied to order) |