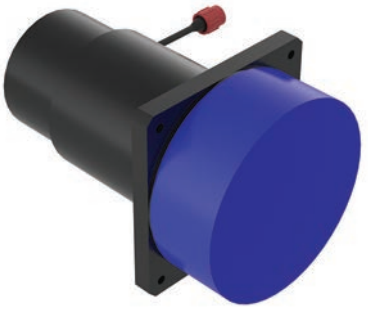
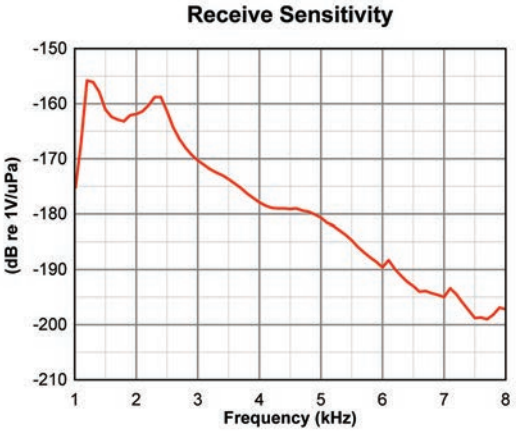
MODEL T296

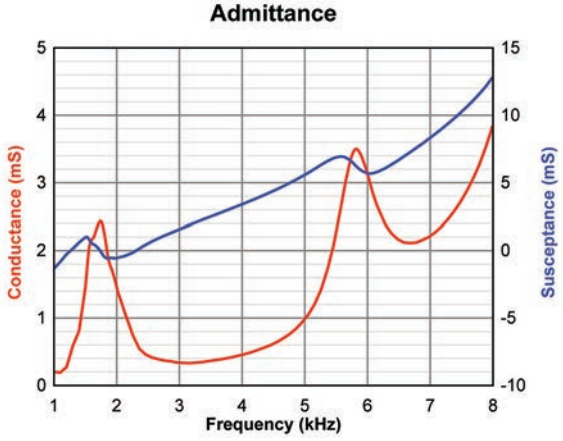


- *1.7 KHZ BROADBAND PROJECTOR*
- *HIGH POWER*
- *DIRECTIONAL BEAM PATTERN*
- *HIGH PERFORMANCE*
- *LONG RANGE TRANSMISSION*

The T296 is a single tonpilz transducer offering a high power, broad band performance. With a nominal operating frequency range from 1 kHz to 6 kHz, these transducers can be configured to form half lambda spaced arrays. The robust design is tolerant of both dynamic and static pressure, making it particularly suitable for both commercial and military applications.

The T296 is available with or without acoustic calibration, traceable to National Standards.

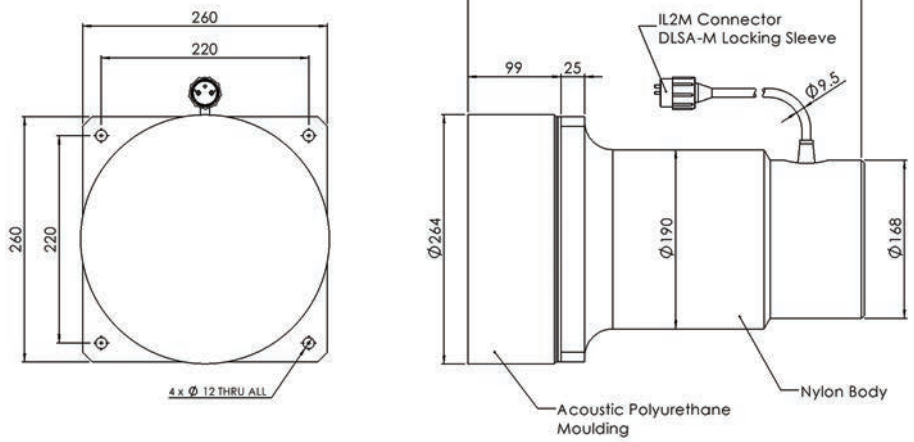




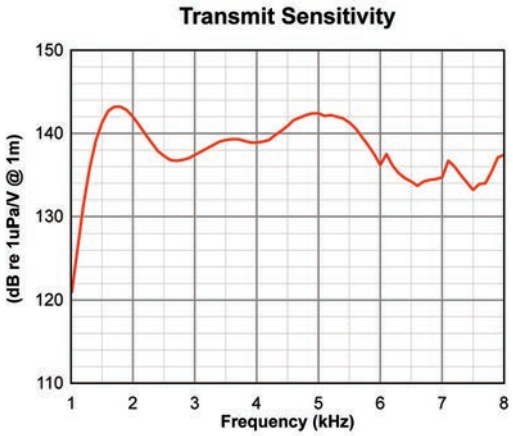
TECHNICAL SPECIFICATION

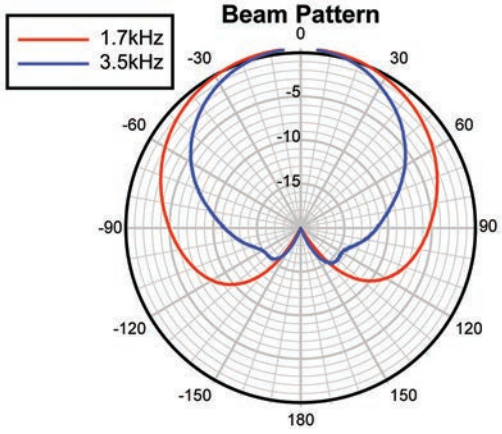
Resonant Frequency (Nominal)	1.7 kHz
Useful Operating Band	1 kHz to 6 kHz
Nominal Impedance	400 Ω
Beam Pattern @-3dB	Conical (See Graph)
Receive Sensitivity	-156 dB re V/µPa
Transmit Sensitivity	142 dB re µPa/V @ 1m
Transmit Voltage (Abs. Max)	750 Vrms
Transmit Voltage / Duty Cycle (Max)	750 Vrms at 10% 350 Vrms at 100%

MODEL T296



All dimensions in mm





MECHANICAL SPECIFICATION

Operating Depth	600m
Weight Air / Water	27.1 kg / 12.2 kg
Operating Temperature	-5 to +40 °C
Storage Temperature	-40 to +80 °C
Cable Type	Chloroprene Rubber Twisted Pair (Optional Ø9mm Polyurethane, Screened Twisted Pair)
Cable Length	0.5m
Connector	SubConn IL2M with DLSA-M Locking Sleeve
Extension Cable/Connector (Optional)	Ø9mm Polyurethane, Screened Twisted Pair with SubConn OM2F with DLSA-F Locking Sleeve