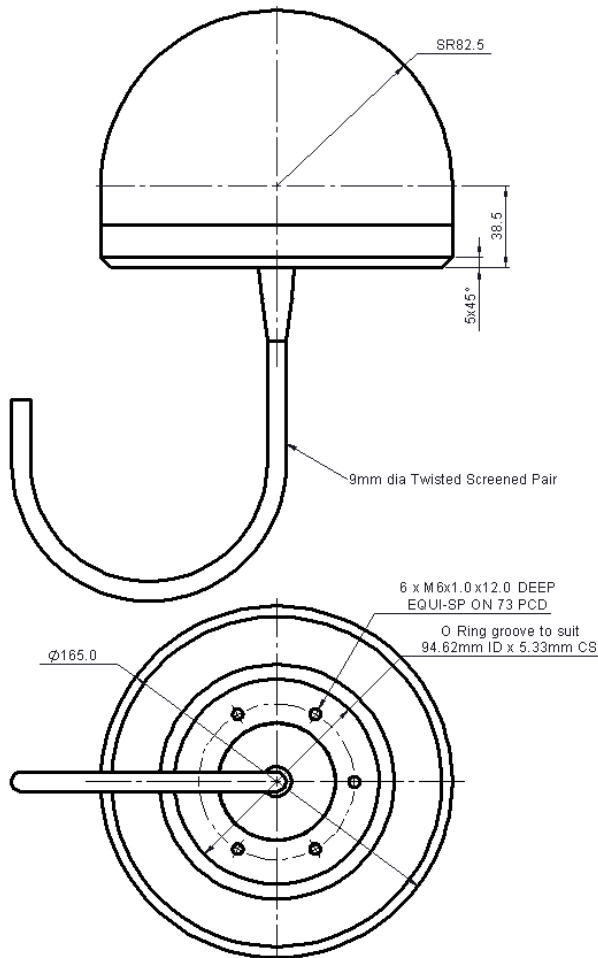


- HEMISPHERICAL BEAM PATTERN
- BROAD BAND TRANSMISSION
- DEEP WATER CAPABILITY
- TRANSPONDER
- RANGE TRACKING
- COMMUNICATIONS



All dimensions in mm

The T279 is one of a group of transducers available from Neptune that have been designed for use in transponder beacons, tracking systems, acoustic release mechanisms and data communication systems.

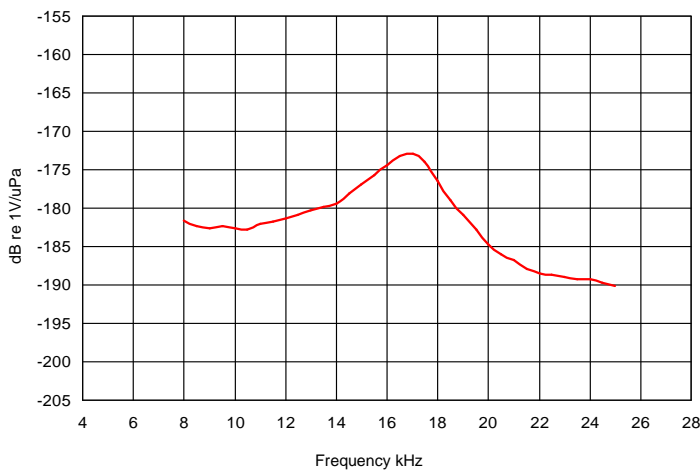
A versatile transducer, the T279 combines efficient broadband transmission and reception with an almost hemispherical beam pattern.

The all moulded construction achieves a design that is compact and robust.

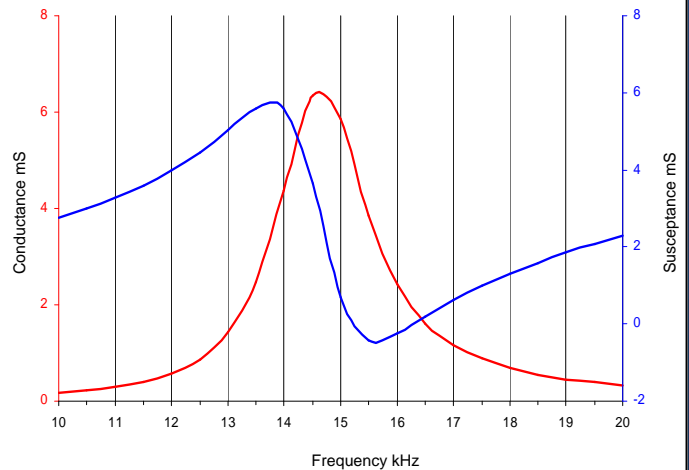
Technical Specification

Resonant Frequency	15 kHz (Nominal)
Useful Frequency Band	12 kHz to 19 kHz
Horizontal Beam Pattern	Omni ± 2 dB up to 20 kHz
Vertical Beam Pattern	Hemispherical
Impedance at Resonance	320 Ohms
Input Power Max	1500 Watts pulsed
Operating Depth	6000 Metres
Base Material	Anodised Aluminium or 316L Stainless Steel
Cable Type	Polyurethane $\varnothing 9$ mm 2 Core Screened
Cable Length	3 Metres Standard Additional lengths supplied to order
Storage Temperature	-40 to +80 °C
Operating Temperature	-5 to +70 °C

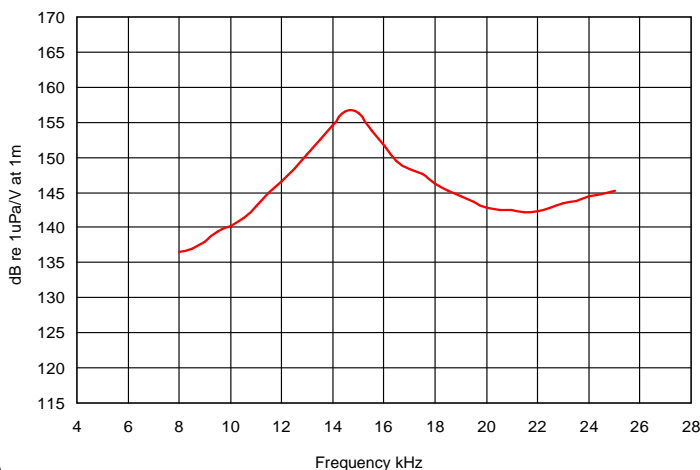
Receive Graph



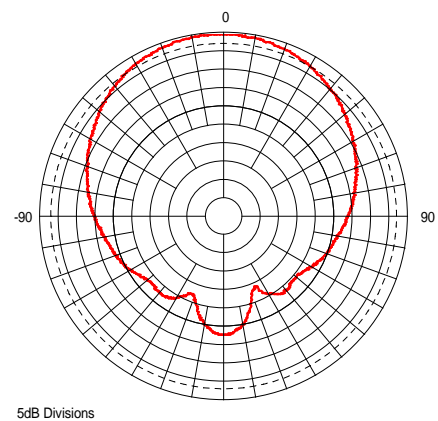
Admittance Plot



Transmit Graph



Beam Pattern Vertical at 15 kHz



Data illustrated is taken from actual in-water measurements