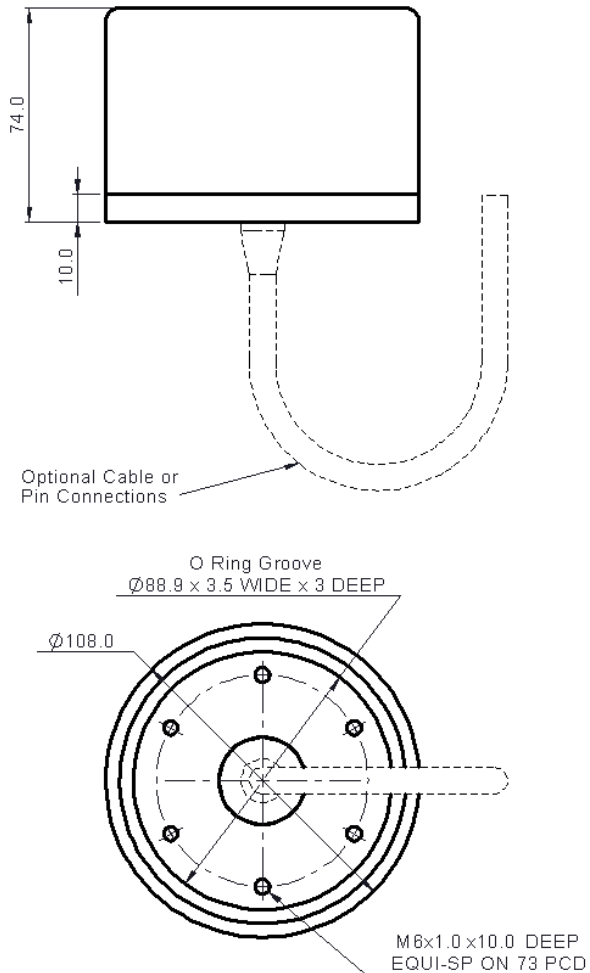


- HEMISPHERICAL BEAM PATTERN
- BROADBAND OPERATION
- HIGH PERFORMANCE
- LONG RANGE TRANSMISSION
- LOW COST



All dimensions in mm

Designed for use in transponder beacons, data communication, acoustic release mechanisms and long range base line systems, the T313 is a versatile transducer combining broad-band transmission and reception over a hemispherical beam pattern.

Over-moulded design onto an anodised aluminium base is lightweight and mechanically robust.

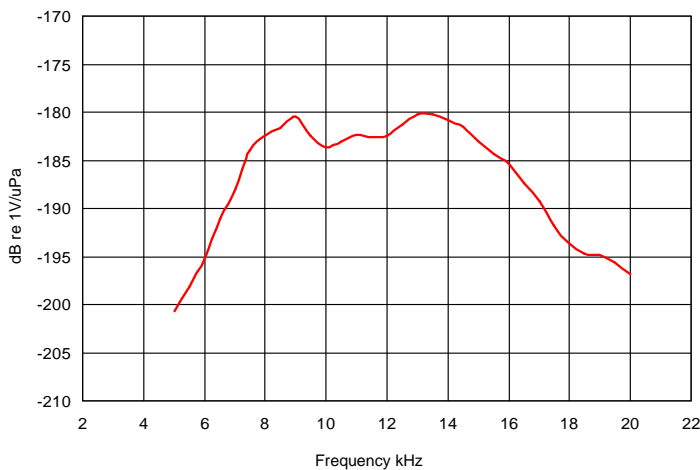
MODEL T313

Communication Transducers

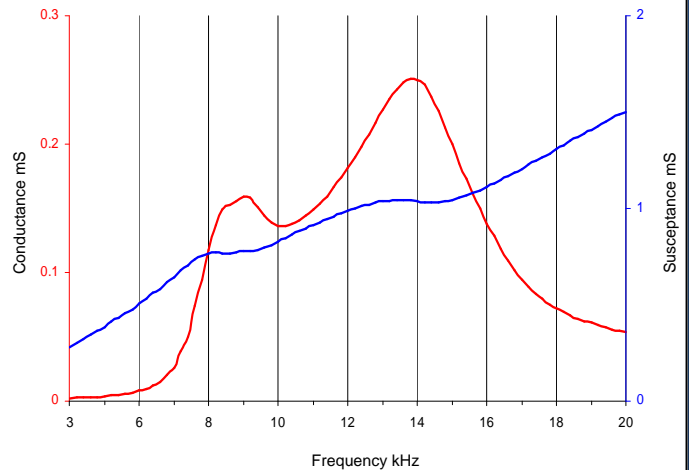
Technical Specification

Resonant Frequency	8.0 / 13.0 kHz
Useful Frequency Band	7 kHz to 16 kHz
Vertical Beam Pattern	Hemispherical
Horizontal Beam Pattern	Omni ± 2 dB up to 16 kHz
Input Power Max	380 Watts
Operating Depth	Unlimited
Connection Type	Cable/Penetrator or (Optional metal to glass contacts pins)
Cable Type	Polyurethane $\varnothing 7$ mm 2 Core Screened
Cable Length	3 Metres Standard Additional Lengths supplied to order
Operating Temperature	-5 to +40 °C
Storage Temperature	-40 to +80 °C

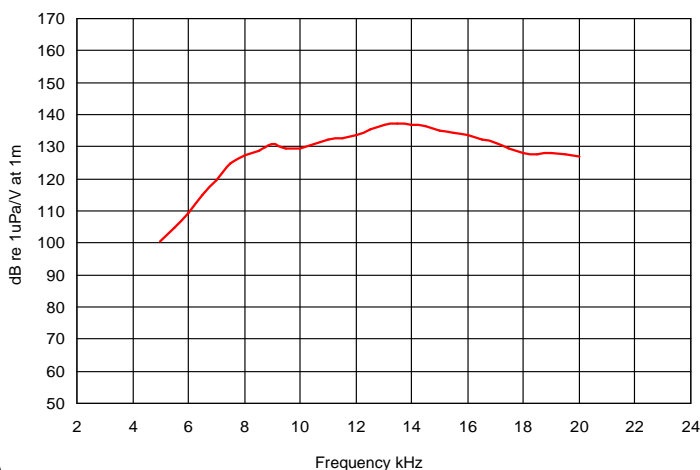
Receive Graph



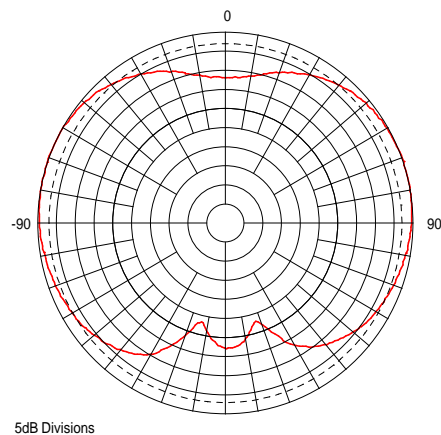
Admittance Plot



Transmit Graph



Beam Pattern at 12 kHz



Data illustrated is taken from actual in-water measurements