

# MODEL 65 SERIES

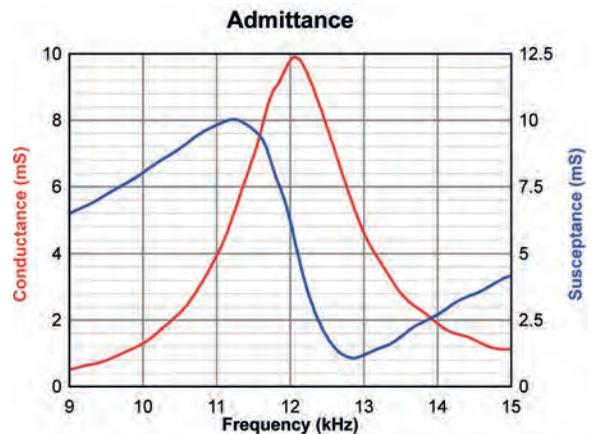
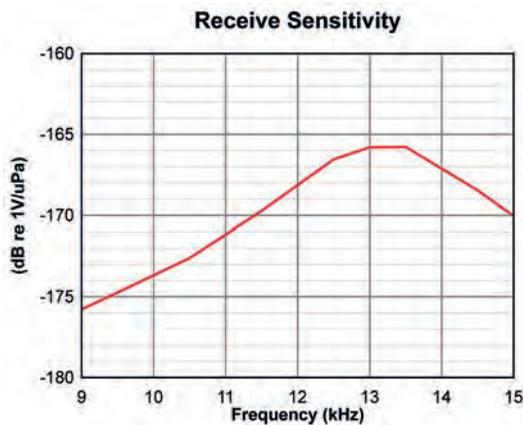


- **MULTIPLE FREQUENCY OPTIONS**
- **SINGLE NARROW BEAM**
- **LOW SIDE LOBE**
- **LONG RANGE ECHO-SOUNDER**
- **TOWED BODY CAPABILITY**
- **FULLY MOULDED**

The 65 SERIES transducer is a high power, long range directional array operating at several frequencies. Originally designed for over-side installation, the 65 SERIES can also be hull mounted. The nodal mounted tonpilz elements are extremely robust, capable of withstanding high slamming forces, highly efficient and provide an excellent front to back ratio. An

external transformer can be supplied to accommodate any impedance matching. The transducer housing is a fully moulded, robust and corrosion free transducer body.

The 65 SERIES is available with or without acoustic calibration, traceable to National Standards.

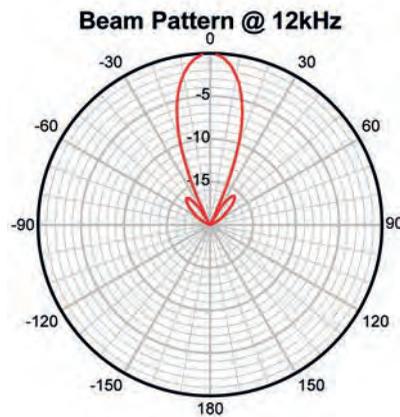
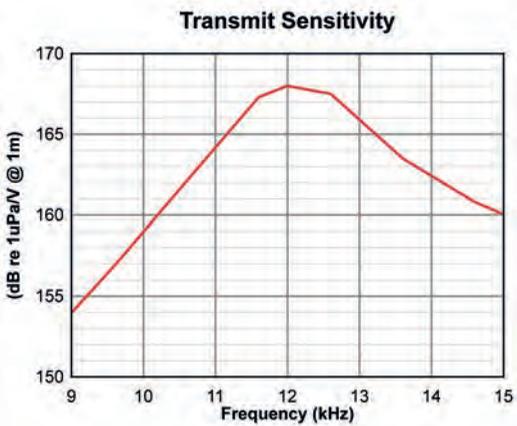
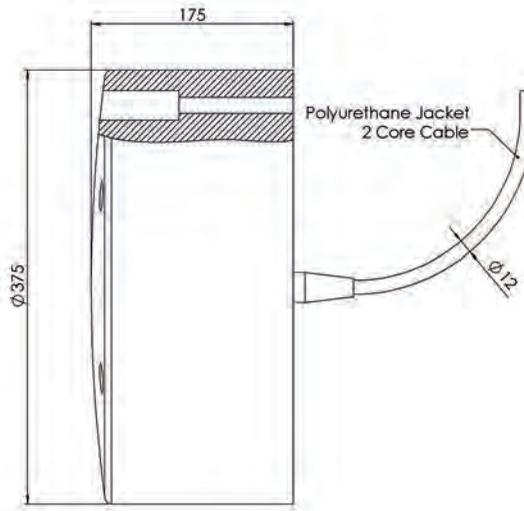
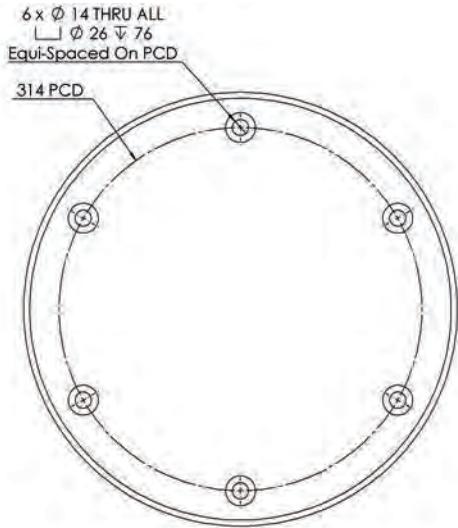


## TECHNICAL SPECIFICATION

Frequency Options	12	15	kHz
Beam Angle	20	20	Degrees Conical
Transmit Sensitivity	167	166	dB re 1μPa/V @ 1m
Receive Sensitivity	-166	-170	dB re 1V/μPa
Transmit Voltage / Duty Cycle (Abs. Max)	750	750	Vrms at 10%
Bandwidth	1.5	3.3	kHz
Nominal Impedance	100	150	Ohms

# MODEL 65 SERIES

All dimensions in mm



## MECHANICAL SPECIFICATION

Operating Depth	600m Standard (Optional 1800m - may require an export license)
Weight Air/Water including 10m cable	35 kg / 15.6 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 Customer Specific)