

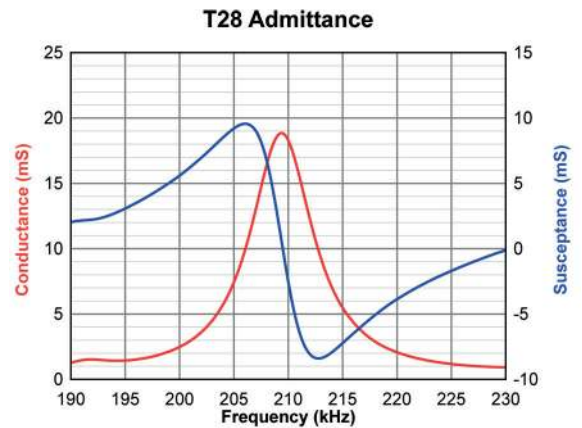
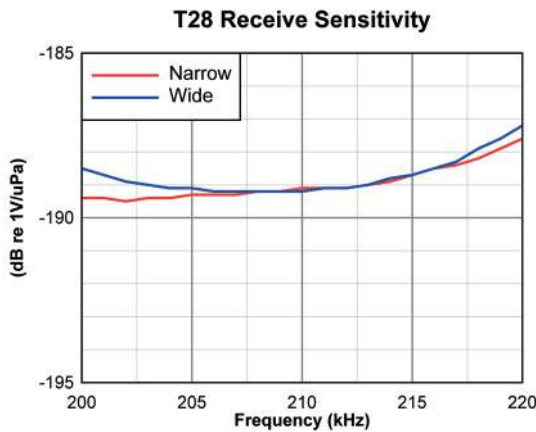
# MODEL T28 & T37



- 210 OR 200 KHZ DUAL BEAM
- NAVIGATION, FISHING & SURVEYING
- HIGH PERFORMANCE
- SCIENTIFIC ECHO SOUNDER
- HULL OR TOWED BODY
- ROBUST NYLON HOUSING

The T28 and T37 are precision echo sounder transducers designed for use in hydrographic or scientific applications where accurately defined beam patterns are needed. The pattern is configured to achieve conical beams both for wide and narrow beam widths and are switched using a beam selection switch box which can be supplied separately.

The T28 and T37 is available with or without acoustic calibration which is traceable to National Standards.

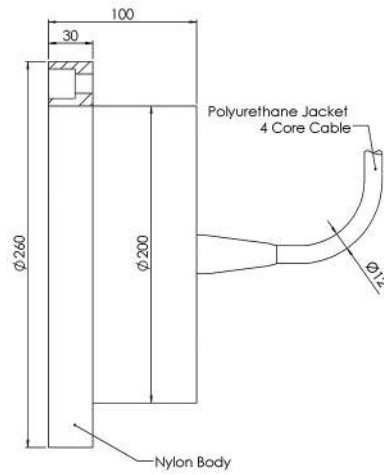
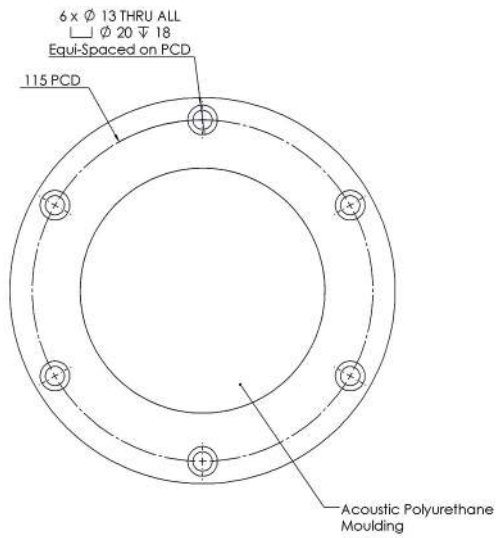


## ACOUSTIC SPECIFICATION

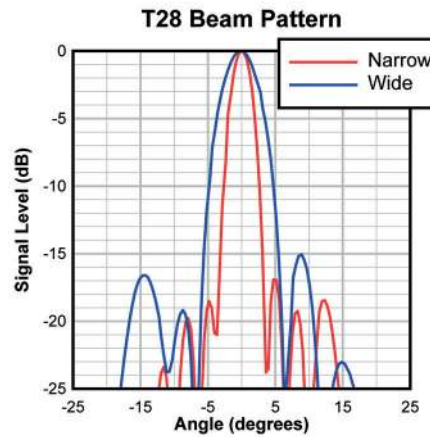
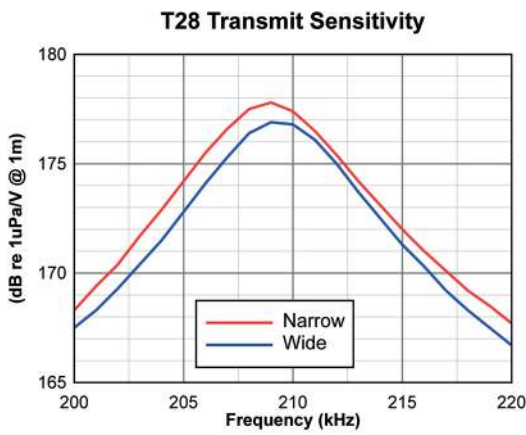
Model Number	T28		T37		kHz
	210		200		
Resonant Frequency	210		200		kHz
Beam Width	Wide	Narrow	Wide	Narrow	Selectable
Horizontal Beam (-3dB)	5.7	2.9	6.0	3.1	Degrees Conical
Transmit Sensitivity	177	178	177	178	dB re 1μPa/V @ 1m
Receive Sensitivity	-188	-188	-188	-188	dB re 1V/μPa
Transmit Voltage / Duty Cycle (Max)	300	400	300	400	Vrms at 10%
Bandwidth	10	10	10	10	kHz
Nominal Impedance	50	50	50	50	Ohms

Transducer impedance can be adjusted to suit customers specification

# MODEL T28 & T37



All dimensions in mm



## MECHANICAL SPECIFICATION

Operating Depth	300m Standard
Weight Air/Water including 10m cable	6.1 kg / 1.2 kg
Operating Temperature	-5 to +40 °C
Storage Temperature	-40 to +80 °C
Cable Type	Ø12mm Polyurethane Jacket, Screened 4 Core
Cable Length	10 metres standard (Additional lengths supplied to order)
Connector	Not fitted as standard (Optional Customer Specific)
Optional	Beam Selection Switch Box