

Model 505

50 kHz to 200 kHz

The Model 505 is a narrow beam commercial type transducer in a plastic ABS housing. It is usually installed in our 3000 fairing model, but can be recessed into the hull or a fairing block. The 200 kHz model is 1" shorter than the 50 kHz model shown. A heavy duty cable is also furnished.

Options:

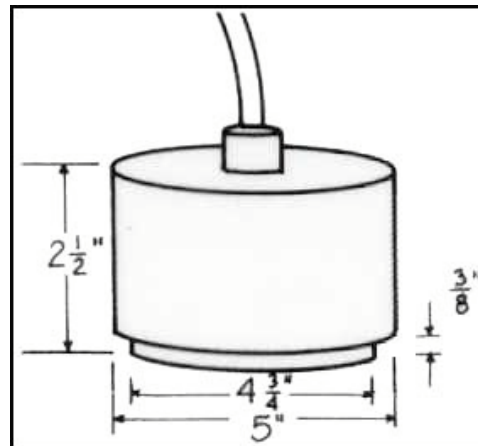
- Temperature sensor.

Applications:

- Safe for all hull material.

Specifications:

- Temperature
 - Type: Thermistor.
 - Value: 10k ohms at 25C.
- Weight:
 - 6 lbs. for 50 kHz model.
 - 4 lbs. for 200 kHz model.
- Material: ABS plastic.



Performance Data

FREQUENCY (kHz)	BEAM WIDTH (degrees @ -3db)	ELEMENT SIZE (inches)	CAPACITANCE (pf)	IMPEDANCE (ohms)	TRANSMIT RESPONSE (db)	RECEIVE RESPONSE (-db)	POWER RATING, RMS (watts)	COMMENT
			NOTE (1)	NOTE (2)	NOTE (3)	NOTE (4)		
200	4.5	4.0	3200	170	177	-182	1000	
50	16	4.0	6400	170	166	-186	1000	

(1) with standard length cable. (2) equivalent series R in water. (3) the source level generated by one watt input. (4) the open circuit RMS voltage generated by a pressure of one microbar.