

AlumaDucer™

**In Hull Mounted Transducer
200kHz and 50/200kHz Models**

The AlumaDucer* is the first in hull Transducer designed for easy installation inside Aluminum and Fiberglass boats. There is now NO need to drill holes in the transom or the bottom of your boat. Just glue the AlumaDucer to the inside of the hull using A.C.E. adhesive** and you are done; it's that simple. The AlumaDucer will sound through Aluminum or Fiberglass hulls without any signal attenuation. In addition, the AlumaDucer will work with any 200kHz sounder on the market today.

*Patent Pending.

**A.C.E. Adhesive sold Separately.

Options:

- Custom beam angles and frequencies are available upon request.

Applications:

- Aluminum hulls .06 to .12 thick.
- Fiberglass hulls up to .75 thick.

Material:

- High impact ABS plastic.



Performance Data

FREQUENCY (kHz)	BEAM WIDTH (degrees @ -3db)	ELEMENT SIZE (inches)	CAPACITANC E (pf)	IMPEDANCE (ohms)	TRANSMIT RESPONSE (db)	RECEIVE RESPONSE (-db)	POWER RATING, RMS (watts)	COMMENT
			NOTE (1)	NOTE (2)	NOTE (3)	NOTE (4)		
200	16	1.1 [28mm]	1284	404	160	-185	400	

Performance Data Continued								
200	10	1.7 [43mm]	3600	248	163	-187	600	Dual frequency 50 & 200 kHz
200	7	205 [65mm]	3159	152	174	-181	1Kw	
50	35	1.7 [43mm]	3600	260	149	-184	600	
50	30	2.5 [65mm]	3159	382	150	-180	1Kw	

(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.

200kHz – 1.1” Diameter Element.

Mechanical Dimensions for Single Element 200kHz AlumaDucer™

