

Thru-Hull Stem Mount ■ Recreational ■ Commercial

204B

50kHz to 200kHz

The 204 is primarily designed for high performance fish finding applications. The 204 is a combination thru-hull and transom mount transducer (using the separate orderable 1080 transom bracket). Smaller than the Model 201, the 204 can accommodate a variety of high frequency elements up to 2" in diameter.

Options:

- Temperature Sensor.
- Dual frequency, single element, 50/200 kHz
- Dual beam (degrees):
 - 14 & 38 @ 120 kHz
 - 9 & 19 @ 200 kHz
- Fairing block, FB204

Applications:

- 204B - Fiberglass or wood hulls only.
- Not safe for thru-hull mounting in aluminum hulls.

Specifications:

- Housing and nut material: Bronze.
- Threads: .84 - 1/2" N.P.S.
- Standard cable length: 30 feet.
- Weight: Bronze – 2.6 lbs.



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	18	1.1	965	550	157	-189	300	
200	12	1.45	1265	480	161	-182	300	
200	11	1.7	1900	300	163	-185	600	Dual frequency, 50/200 kHz

Performance Data Continued								
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	9	2.0	2185	385	165	-186	600	
160	20	1.1	885	750	158	-189	300	
160	11	2.0	1750	550	164	-183	600	
120	38	1.0	1050	500	167	-181	300	
120	14	2.0	1725	320	164	-171	600	
50	45	1.7	1600	440	156	-173	600	Dual frequency, 50/200 kHz

(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 – 1.45 Diameter Element

