

209B

50kHz to 200kHz

The Model 209 is a large low profile bronze model for thru-hull use. The 209 can accommodate large 50 kHz and 2 inch elements of other frequencies as well.

Options:

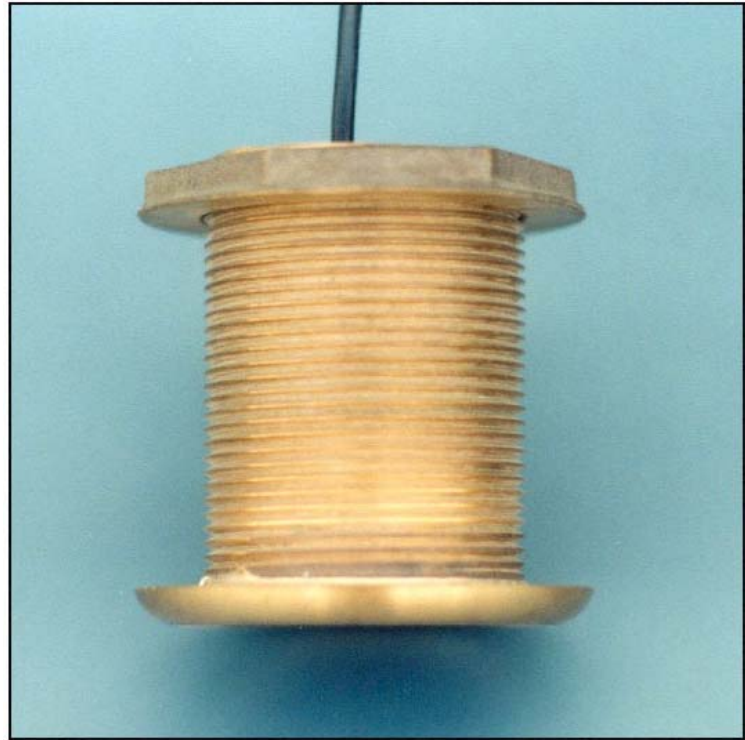
- Temperature sensor.
- Dual beam (degrees):
 - 14 & 38 @ 120 kHz
 - 11 & 20 @ 160 kHz
 - 9 & 19 @ 200 kHz

Applications:

- 209B - Fiberglass or wood hulls only.

Specifications:

- Housing and nut material: Bronze.
- Standard cable length: 30 feet.
- Weight: 4.5 lbs.

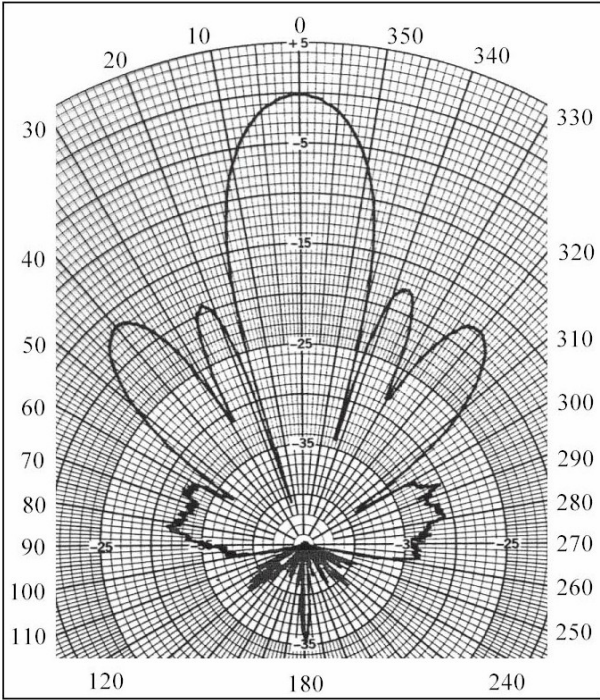


Performance Data

FREQUENCY (kHz)	BEAM WIDTH (degrees @ -3db)	ELEMENT SIZE (inches)	CAPACITANCE (pf) NOTE (1)	IMPEDANCE (ohms) NOTE (2)	TRANSMIT RESPONSE (db) NOTE (3)	RECEIVE RESPONSE (-db) NOTE (4)	POWER RATING, RMS (watts)	COMMENT
200	9	2.0	2185	385	165	-186	600	
160	11	2.0	1750	550	164	-183	600	
120	14	2.0	1725	320	164	-171	600	
50	43	2.0	4550	265	173	-184	600	
50	36	2.3	8500	180	165	-180	600	

(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.

120 kHz Mode – 2” Diameter Element



50 kHz Mode – 2.0” Diameter Elements

