

The Cost Effective Choice

The B258 is 25 times more sensitive than a single-element 50/200 kHz transducer. This innovative 1 kW transducer makes 600 W <u>fishfinders</u> perform like their more powerful big brothers—especially at 50 kHz. How does it do it? The B258 uses Airmar's new and unique ceramic-element construction. The resulting narrow beams will clearly distinguish individual fish and bottom fish from their habitat at depths down to 670 m (2,200').

Streamlined Performance

Maximize performance by installing the B258 with Airmar's custom fit High-Performance Fairing. At speeds over 30 knots (34 MPH), screen displays show clear images and a clean bottom trace.

Thru-Hull 1kW Entry-Level

Fishing Applications

- The versatile 1 kW transducer for all types of fishing
- Inshore and blue-water trolling
- Deep-water bottom and structure fishing up to 500 m (1,640')

Features

- Elliptical beam covers more bottom area thus increasing your catch at all depths
- Depth and fast-response water-temperature sensor
- Recommended for sportfishing boats above 9 m
 (30') and small to mid-size commercial fishing boats
- Four 50/200 kHz ceramics as compared to one ceramic in 600 W units
- Provides greater surface area resulting in better sensitivity





50/200 kHz Pla					
50/200 kHz-Blq					
Number of Elements and Configuration	&				
Beamwidth (@-3 dB)	15° x 21°	3° x 5°			
RMS Power (W)	1 kW	1 kW			
TVR	161 dB	173 dB			
RVR	-174 dB	-183 dB			
FOM	-17 dB	-9 dB			
Q	9	15			
Impedance	225 Ω	200 Ω			

MAXIMUM DEPTH RANGE			
50 kHz	200 kHz		
441 m to 647 m	206 m to 294 m		
(1,500' to 2,200')	(700' to 1,000')		

BEAM DIAMETER VS DEPTH					
Depth	50 kHz	200 kHz			
9 m	2.4 m x 3.3 m	0.6 m x 0.9 m			
(30′)	(8′ x 11′)	(2′ x 3′)			
30 m	8 m x 12 m	1 m x 2.7 m			
(100′)	(25′ x 40′)	(5' x 9')			
122 m	30 m x 50 m	6 m x 11 m			
(400′)	(98′ x 163′)	(20′ x 35′)			
305 m	74 m x 124 m	16 m x 26 m			
(1,000′)	(245′ x 407′)	(52′ x 87′)			

TRANSDUCER COMPARISON				
Model	Power	Rating	Performance Increase	
B45 B744V B744VL	600 W	Good	Benchmark model for comparison	
B258	1 kW	Better	25 times more sensitive at 50 kHz 16 times more sensitive at 200 kHz	
B260 SS260	1 kW	Best	50 times more sensitive at 50 kHz 13 times more sensitive at 200 kHz	
R99	2 kW	Superb	200 times more sensitive at 50 kHz 32 times more sensitive at 200 kHz	
R209 R309	3 kW	Ultimate	400 times more sensitive at 50 kHz 32 times more sensitive at 200 kHz	

Due to the wide beam of the SS270W, it has been omitted from the table.

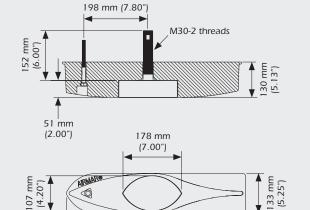
SPECIFICATIONS

Weight: 3.6 kg (7.9 lb)

Hull Deadrise: Up to 26° with fairing **Acoustic Window:** Epoxy/urethane

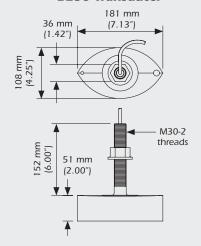
DIMENSIONS

Transducer and High-Performance Fairing



(22.35") **B258 Transducer**

568 mm





Sensing Technology



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