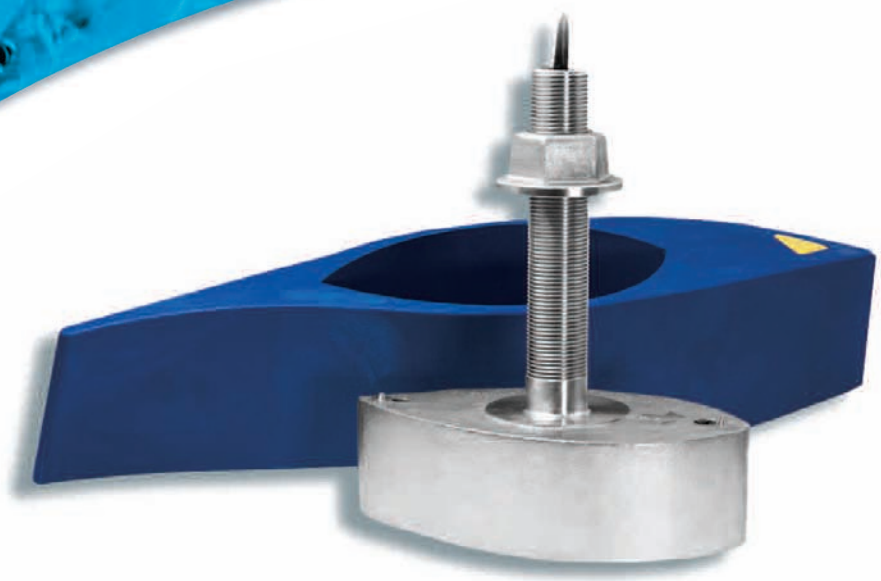
SS270W
Twin Wide-Beam

1 kW
Dual-Frequency

Preliminary



Get the **WIDER** picture.

Covering All Angles!

Airmar is proud to introduce the industry's first 1 kW twin wide-beam, 50 kHz and 200 kHz dual-frequency transducer. This unique design gives extra beamwidth to spot more fish in shallow to mid-water depths. Aimed at the commercial and sport-fishing markets, this thru-hull provides four times the beamwidth at 200 kHz than other high-performance transducers. This means marking game fish or bait in a larger area, thus increasing the catch.

The Ultimate Split-Screen "Tunaducer"

Since the beamwidths are the same at both frequencies, a split-screen fishfinder display will clearly show the same water column and bottom coverage. Fish will also appear as arches of the same size and position. More fish will be marked while trolling or underway. At anchor, see which direction the baits and chum are flowing in the current.

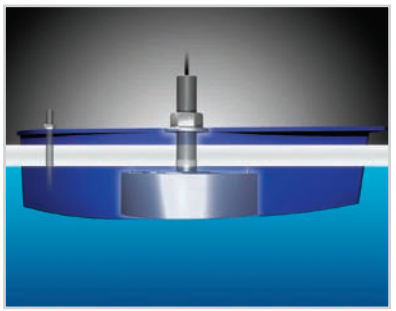
Cutting-Edge Fairing

The custom-fit High-Performance Fairing will give crystal-clear imaging at speeds up to 30 knots (34 MPH). And since the SS270W fits into the popular B260 fairing pocket, it's easy to upgrade existing installations. Possibilities expand with the SS270W twin wide-beam transducer.

- **Identical wide 25° beamwidths at 50 kHz and 200 kHz**
- **Provides 4 times the beamwidth at 200 kHz than other high-performance transducers**
- **Wide-beam is ideal for marking bait fish**
- **Same targets appear in both frequencies**
- **Excellent fish detection in shallow to mid-water depths**
- **Interfaces to any 600 W or 1 kW sounder**
- **Retrofits into existing B260 fairing pocket**
- **Built-in temperature sensor**
- **Xducer ID™ feature**

50 kHz beam

200 kHz beam



Xducer ID™

AIRMAR® TECHNOLOGY CORPORATION

REGISTERED TO ISO 9001:2000

SS270W Twin Wide-Beam Technical Information

1 kW Dual-Frequency

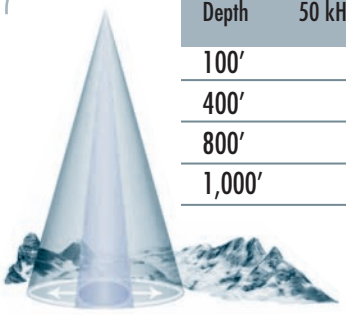
Specifications

Frequencies	Number of Elements and Configuration	Beam Width (@-3dB)	Rated RMS Power (W)	TVR	RVR
50 kHz-AWlq	⁂	25°	1 kW	161dB	-175dB
200 kHz-BM	◯	25°	1 kW	167dB	-194dB

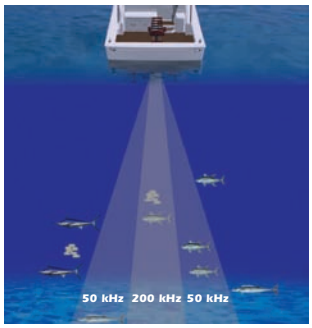
Weight: ..... 7.3 kg (16 lb)
Hull Deadrise Angle: ..... Up to 28° with fairing

	50 kHz	200 kHz
FOM	-19	-27
Q	4	15

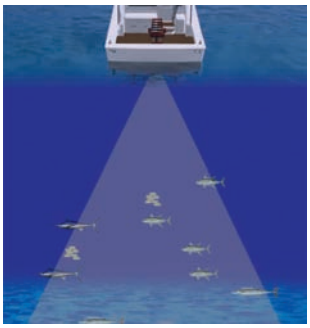
Viewable Diameter Based on Depth



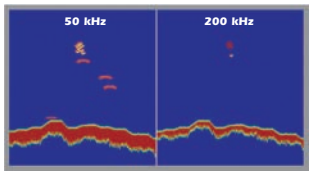
Depth	50 kHz and 200 kHz
100′	45′
400′	180′
800′	360′
1,000′	450′



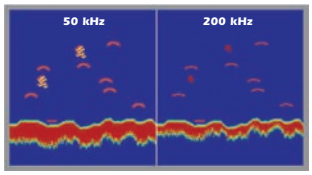
Standard 1 kW transducer
19° at 50 kHz, 6° at 200 kHz



SS270W twin wide-beam transducer
Identical, 25° beamwidths at 50 kHz and 200 kHz



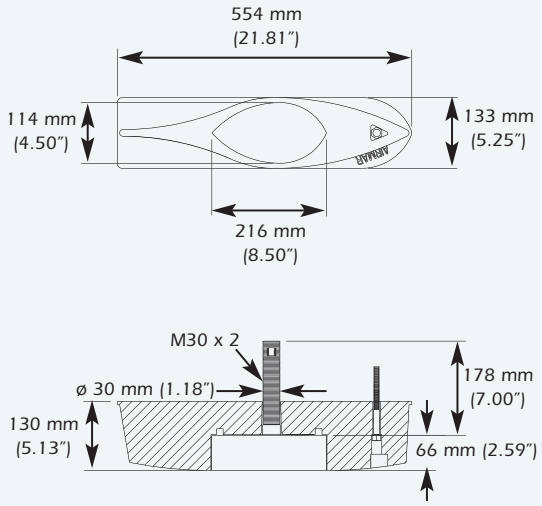
Different number of fish detected—
fish and bottom do not appear the same



See the same targets at both frequencies—
allows for easier species identification

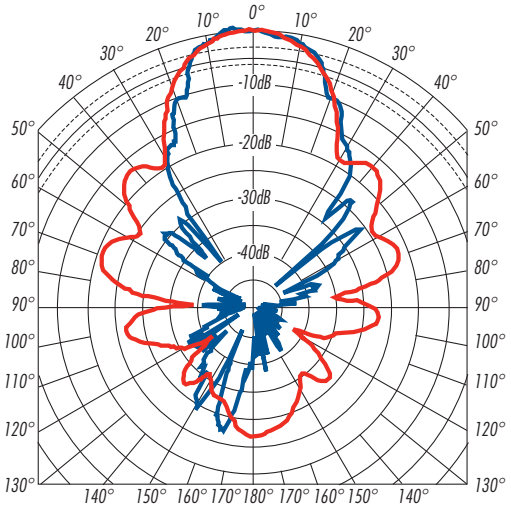
SS270W Wide-Beam Dimensions

SS270W Wide-Beam transducer with high-performance fairing



Directivity Pattern

-3dB Beamwidth.....25°



Performance

	50 kHz	200 kHz
Maximum Depth Range	400 m to 610 m (1,350′ to 2,000′)	100 m to 180 m (330′ to 600′)

As Airmar constantly improves its products, all specifications are subject to change without notice. All Airmar products are designed to provide high levels of accuracy and reliability; however, they should only be used as aids to navigation and not as a replacement for traditional navigation aids and techniques.

SS270W_rH 10/24/07

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