Wide-Beam Transducers

**P48W**
- 100 W Adjustable Wide-Beam
  - Adjustable beam settings
  - Easily change the beam direction by turning the insert
  - Wide port-starboard position (38° x 12°)
  - Bow-stern position (12° x 38°)
- 100 Watts
- Depth and Temperature
- Transom-Mount or Trolling-Motor Mounting
- 200 kHz
- Q at 200 kHz—6
- 7.6 m (25') cable with OEM connector
- Beamwidth: 200 kHz—38° x 12°
- Maximum Depth Range: 200 kHz—91 m to 152 m (300’ to 500’)
- Boat Size: 5 m to 7 m (17’ to 22’)

**SS264W**
- 1 kW, High-Definition Digital Broadband
  - Designed for tuna and marlin fishing
  - Identical 25° beams at 50 kHz and 200 kHz
  - 4 times wider at 200 kHz than all other 1 kW transducers
  - 1,000 Watts
  - Depth and fast-response temp. sensor
  - Transom-Mount, Urethane Housing
  - 50/200 kHz
  - Q at 50 kHz—4
  - Q at 200 kHz—15
  - 12 m (39’) cable with OEM connector
  - Beamwidth: 50 kHz—25°
  - 200 kHz—25°
  - Maximum Depth Range: 50 kHz—400 m to 610 m (1,350’ to 2,000’)
  - 200 kHz—100 m to 180 m (330’ to 600’)
  - Boat Size: Outboards and I/O’s up to 12 m (40’)

**SS270W**
- 1 kW, High-Definition Digital Broadband
  - Designed for tuna and marlin fishing
  - Identical 25° beams at 50 kHz and 200 kHz
  - 4 times wider at 200 kHz than all other 1 kW transducers
  - 1,000 Watts
  - Depth and fast-response temp. sensor
  - Thru-Hull, Stainless Steel Housing
  - 50/200 kHz
  - Q at 50 kHz—4
  - Q at 200 kHz—15
  - 12 m (39’) cable with OEM connector
  - Beamwidth: 50 kHz—25°
  - 200 kHz—25°
  - Maximum Depth Range: 50 kHz—400 m to 610 m (1,350’ to 2,000’)
  - 200 kHz—100 m to 180 m (330’ to 600’)
  - Boat Size: 9 m (30’) and up

Wide-beam is ideal for marking more bait and gamefish
- Wreck and structure finding on the continental shelf
- Vertical deep jiggling
- Downrigger fishing in saltwater or deep-water lakes

**TM270W**
- 1 kW, High-Definition Digital Broadband
  - Two transducers: 50 kHz wide-beam
  - 200 kHz wide-beam
  - Transducers can be purchased as a pair for dual-frequency operation or individually as single-frequency units
  - 1,000 Watts
  - Depth and fast-response temp. sensor
  - Thru-Hull, Stainless Steel Housing
  - 50/200 kHz
  - Q at 50 kHz—4
  - Q at 200 kHz—15
  - 12 m (39’) cable with OEM connector
  - Beamwidth: 50 kHz—25°
  - 200 kHz—25°
  - Maximum Depth Range: 50 kHz—400 m to 610 m (1,350’ to 2,000’)
  - 200 kHz—100 m to 180 m (330’ to 600’)
  - Boat Size: 8 m to 12 m (25’ to 40’)

**Narrow-Beam Transducer**
- Wreck and structure finding on the continental shelf
- Vertical deep jiggling
- Downrigger fishing in saltwater or deep-water lakes

**Wide-Beam Transducer**
- Wide-beam is ideal for marking more bait and gamefish
- Excellent fish detection in shallow and mid-water depths to 122 m (400')
- Bait and game fish marking in shallow to mid-water
- Blue-water trolling using both 50 kHz and 200 kHz

[www.airmar.com](http://www.airmar.com)
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## 200 kHz

<table>
<thead>
<tr>
<th>Number of Elements and Configuration</th>
<th>Beamwidth (@-3 dB)</th>
<th>RMS Power (W)</th>
<th>TVR</th>
<th>RVR</th>
<th>FOM</th>
<th>Q</th>
<th>Impedance</th>
</tr>
</thead>
<tbody>
<tr>
<td>38° x 12°</td>
<td></td>
<td>100 W</td>
<td>153 dB</td>
<td>-192 dB</td>
<td>-39 dB</td>
<td>6</td>
<td>1,100 Ω</td>
</tr>
</tbody>
</table>

### BEAM DIAMETER VS DEPTH

<table>
<thead>
<tr>
<th>Depth</th>
<th>200 kHz</th>
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<tbody>
<tr>
<td>9 m (30')</td>
<td>2 m x 6 m (6' x 21')</td>
</tr>
<tr>
<td>30 m (100')</td>
<td>6 m x 21 m (21' x 69')</td>
</tr>
<tr>
<td>122 m (400')</td>
<td>26 m x 84 m (84' x 276')</td>
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## 50 kHz-AWlq / 200 kHz-BM

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<tbody>
<tr>
<td>25° x 25°</td>
<td></td>
<td>1 kW</td>
<td>161 dB</td>
<td>-175 dB</td>
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<tr>
<td>9 m (30')</td>
<td>4 m (13')</td>
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<tr>
<td>30 m (100')</td>
<td>14 m (45')</td>
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<td>122 m (400')</td>
<td>55 m (180')</td>
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<td>305 m (1,000')</td>
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