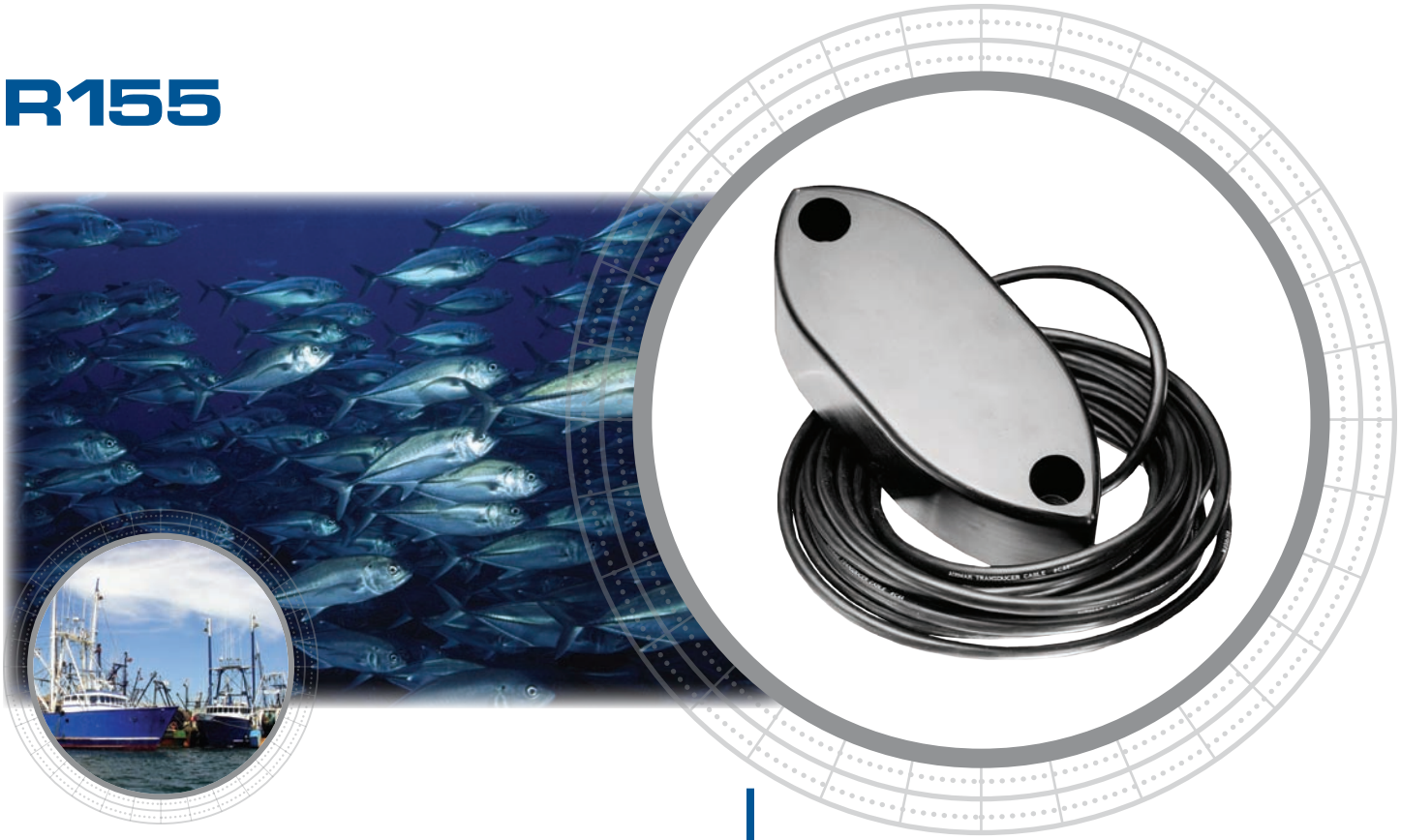
R155



Exceptional Deep-Water Performance

Airmar's 2 kW R155 features a highly efficient and highly-sensitive, 50 kHz array to provide exceptional deep-water performance at a competitive price. The dual-frequency R155 model has the popular 50 kHz and 200 kHz fishfinding frequencies in a compact, cost-effective housing.

Options

- Temperature sensor
- Impedance to customer specifications using matching transformer

External-Mount
1 - 2 kW

Applications

- Commercial fishing vessels

Features

- Low-ringing, low-sidelobe, 50 kHz array allows fishermen to see bottom structure clearly and to easily discriminate between bottom and target fish
- Narrow-beam, low-ringing, 200 kHz ceramic provides clear, bottom detail and can detect small, bait fish
- Fairing vertically orients sound beams for stronger return echoes resulting in optimal sounder performance
- Stuffing tubes are available to form a watertight conduit for cable routing and are available in a variety of materials to match all hull types
- Can be mounted as an in-hull in a fiberglass hull for precise echosounding—even at speeds over 20 knots (23 MPH)
- Streamlined shape minimizes drag
- Fairing is easy-to-cut and will not swell or rot
- All mounting hardware included

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Sensing Technology

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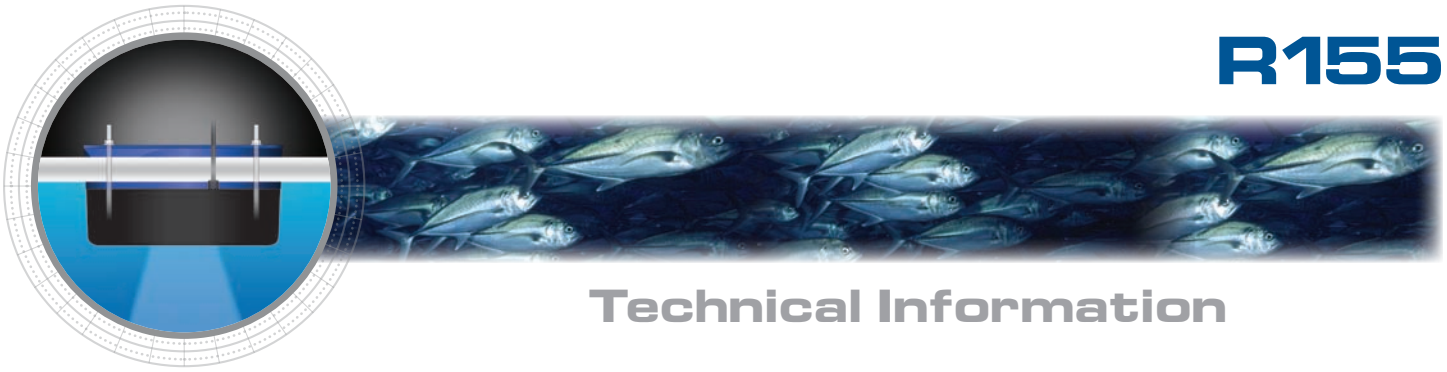


R155

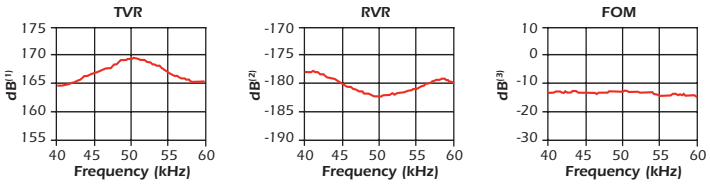
Technical Information

Frequencies	Configuration	Beamwidth (@-3 dB)	RMS Power (W)	FOM (dB)	Q	Series Impedance (R-jX)
50 kHz-Mlq		10° x 17°	2 kW	-9	4	90-j0(t)
50 kHz-Mlq		10° x 17°	2 kW	-7	4	250-j0(t)
50 kHz-Llq		16°	1 kW	-12	5	130-j0(t)
200 kHz-AWq		7°	1 kW	-11	10	70-j0(t)

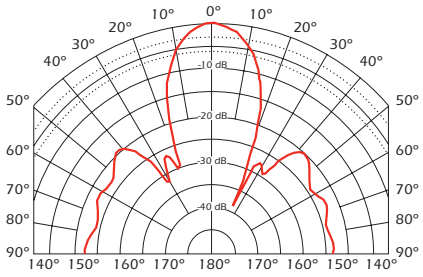
Technical Data—50 kHz-Llq

TVR in dB re 1µPa/Volt at 1 m

RVR in dB re 1 Volt/µPa



Directivity Pattern—50 kHz-Llq



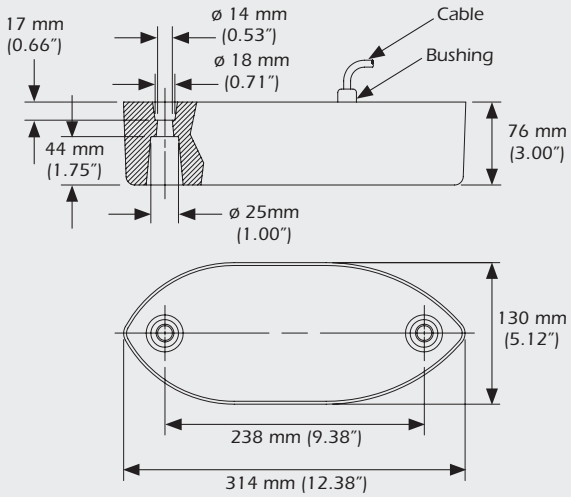
SPECIFICATIONS

Weight: Varies depending on configuration (Call for weight)

Acoustic Window: Epoxy

Material Housing: Epoxy

DIMENSIONS



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