

# M153



## Versatile Sensing

The M153 is our smallest, trawl-mount transducer that installs in a flooded pod. Connection to the trawl cable is easy with the included MacArtney SUBCONN® underwater connector. This transducer can also be used in altimeter applications on ROV and AUVs.

## Options

- Coupling transformer for interface to catch monitor
- Bulkhead connector on transducer
- No underwater connector
- Other frequencies and impedances

## Trawl-Mount 600 W

### Applications

- Trawl monitoring

### Features

- Transducer is pressure rated to 600 m (2,000')
- 50 kHz and 200 kHz options for versatile, sensing applications
- Stainless-steel, internal chassis
- Seamless, SEALCAST™, urethane housing for long life underwater

## Technical Information

Frequencies	Configuration	Beamwidth (@-3 dB)	RMS Power (W)	FOM (dB)	Q	Series Impedance (R-jX)
50 kHz-AN		46°	600 W	-28	4	90-j0(Ω)
200 kHz-G		8°	600 W	-13	25	85-j0(Ω)

### SPECIFICATIONS

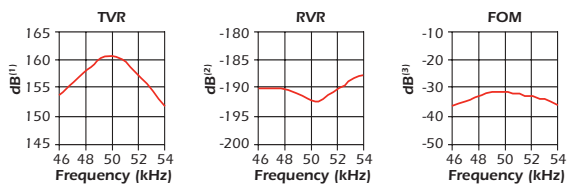
**Weight:** 0.7 kg (1.5 lb)

**Acoustic Window:** Urethane

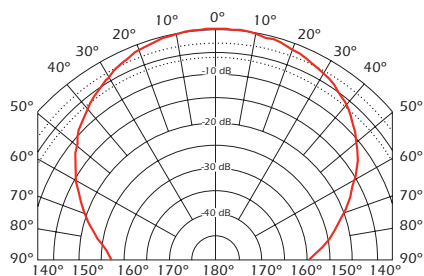
### Technical Data—50 kHz-AN

TVR in dB re 1μPa/Volt at 1 m

RVR in dB re 1 Volt/μPa



### Directivity Pattern—50 kHz-AN



### DIMENSIONS

