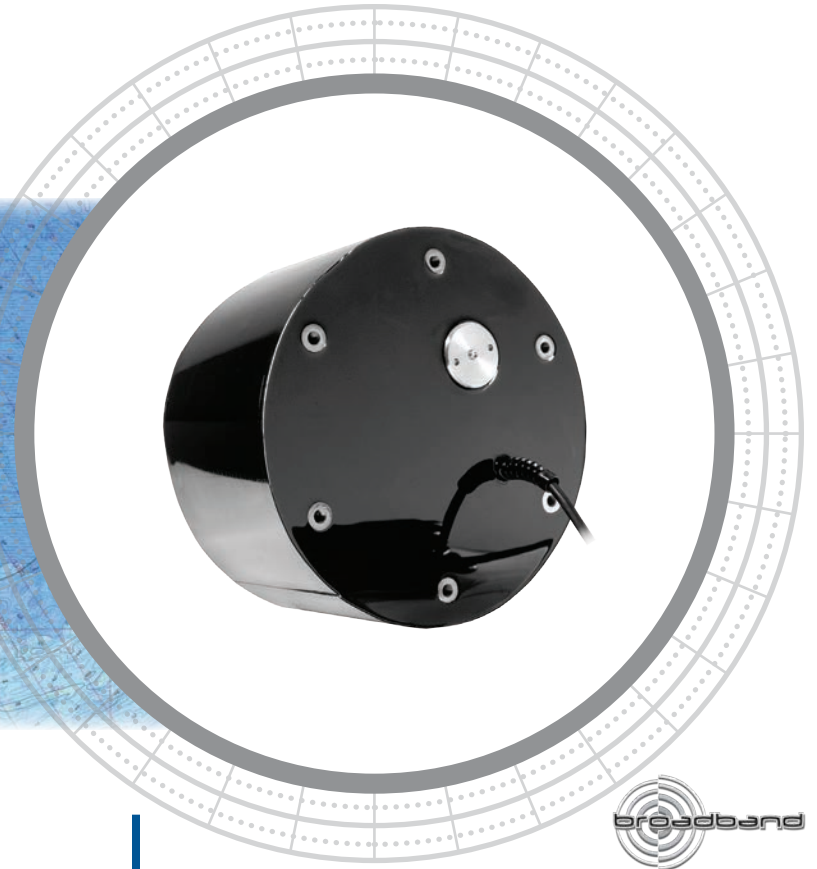


# M74



## Low-Frequency Performance

The M74 features low-frequency, ceramic arrays for exceptional deep-water performance and sub-bottom detail. This transducer can be “chirped” with a longer pulse over a wide-frequency band.

## Options

- Impedance to customer's specifications using matching transformer
- Bulkhead or in-line connector to customer specifications

## External-Mount

# 4 kW

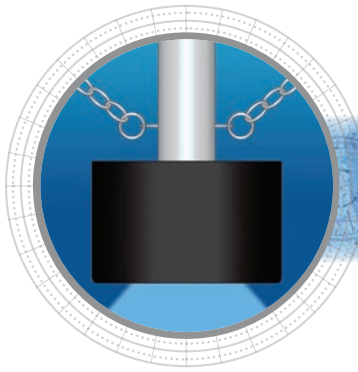
# Broadband

## Applications



- Survey echosounding
- Sub-bottom profiling

## Features

- Long, acoustic paths
- Matching transformer provides pure, resistive load
- Transducer features a transformer-access pocket for simplified, field repair
- Housing features six, threaded, mounting points
- Seamless, SEALCAST™, urethane housing for long life underwater



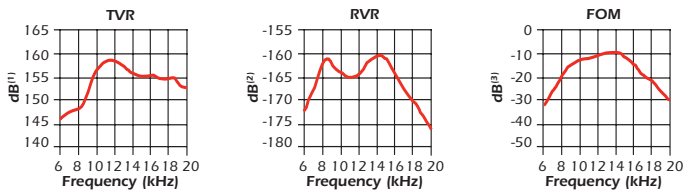
## Technical Information

Frequencies	Configuration	Beamwidth (@-3 dB)	RMS Power (kW)	FOM (dB)	Q	Series Impedance (R-jX)
12 kHz-J	 A	20°	4 kW	-9.5	2.4	60-j0(Ω)
15 kHz-C	 B	17°	4 kW	-10	2	60-j0(Ω)

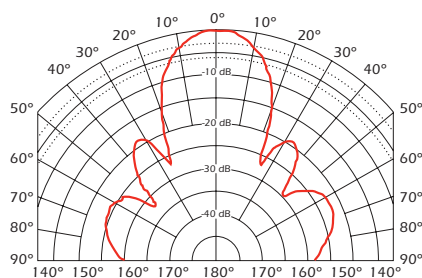
### Technical Data—12 kHz-J

TVR in dB re 1μPa/Volt at 1 m

RVR in dB re 1 Volt/μPa



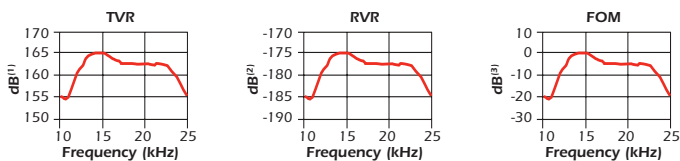
### Directivity Pattern—12 kHz-J



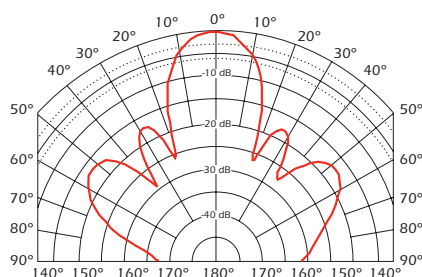
### Technical Data—15 kHz-C

TVR in dB re 1μPa/Volt at 1 m

RVR in dB re 1 Volt/μPa



### Directivity Pattern—15 kHz-C



## SPECIFICATIONS

### Weight\*:

A—74.5 kg (164 lb)  
B—40 kg (88 lb)

**Acoustic Window:** Urethane

### Cable Type:

C-43  
Shielded twisted pair (2-14 AWG) with braided shield, black neoprene jacket, 10 mm (13/32") diameter

\*Weights may vary depending on the cable length and configuration.

## DIMENSIONS

