SS510

Frequencies	Configuration	Beamwidth (@-3 dB)	RMS Power (W)	FOM (dB)	Q	Series Impedance (R-jX)
200 kHz-BCIq Broadband	◯	9°	500 W	-16	2	60-j0(t)

SPECIFICATIONS

Weight: 1.3 kg

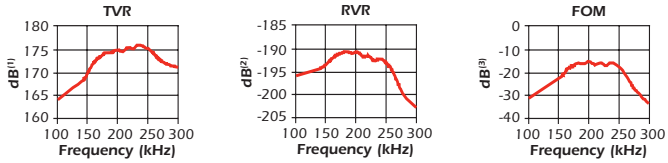
Acoustic Window: Urethane

Stem Threads: 1/2"-14 NPS

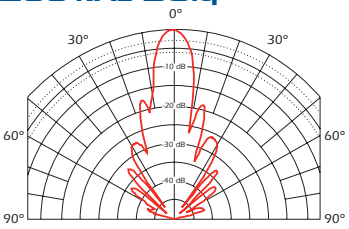
Cable Type: C-33—Shielded twisted pair (2-20 AWG) with braided shield, black neoprene jacket, 6 mm diameter

Technical Data—200 kHz-BCIq

TVR in dB re 1µPa/Volt at 1 m
RVR in dB re 1 Volt/µPa

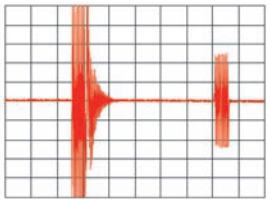


Directivity Pattern—200 kHz-BCIq



Echogram

Vertical: 1E+03 V/DIV
Horizontal: 500E-6 SEC/DIV



High-Frequency

Ultrasonic Transducer

Applications

- River, harbor, and estuary survey

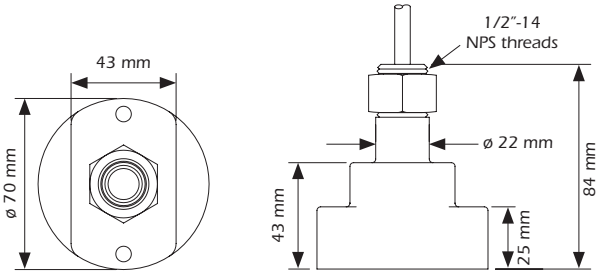
Features

- Broadband with low Q of 2
- Minimal sidelobes for concentrated energy on target providing excellent definition
- Short, threaded stem simplifies attaching to portable-mounting apparatus
- Internal transformer provides impedance match to echosounder and allows use of longer cable
- 500 W RMS, power rating is at 2% duty cycle
- Do not strike or use solvents (especially acetone) on the transducer face. Use water-base anti-fouling paint only. Do not cut transducer cable.
- Robust, stainless-steel housing

Options

- Impedance to customer's specifications using matching transformer

Dimensions



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