

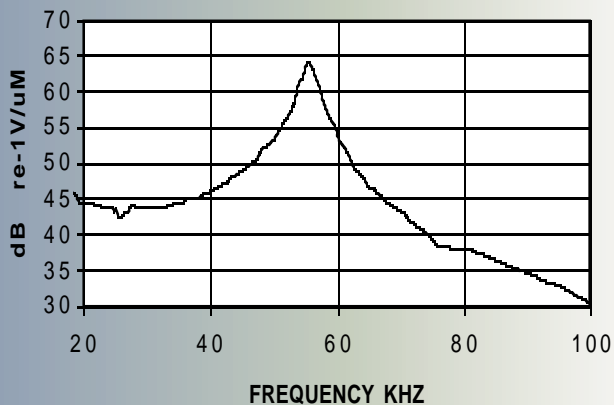


SE55-R

LOW FREQUENCY HIGH SENSITIVITY TRANSDUCER

The SE55-R is a low frequency, high sensitivity transducer well suited for above ground storage tank inspection, testing of concrete structures, and acoustic emission testing of other attenuating materials such as wood products and composites. Use of the transducer in the transmit-receive mode makes it an ideal candidate for acousto-ultrasonic testing of attenuating materials.

The active element of the transducer is acoustically isolated from the case by over 20dB making it superior over most AE transducers for testing of structures in the presence of airborne high frequency noise, and impact from wind blown debris.



SPECIFICATIONS

Physical Dimensions	1.125" Dia (28mm) 1.175" High (29.4mm)
Operating Temperature	-50 to +125°C
Circuit Configuration	Single-ended
Grounding	Case isolated, with integral wear plate for electrical isolation
Humidity	Water proof for short periods
Case Material	Stainless Steel
Weight	65 Grams
Aperture Size	0.500 inch (12.5mm)
Connector	BNC
Acoustic Isolation	>20dB (element to case)
Sensitivity	>1 V/nanometer @ 55Khz

ACCESSORIES:

- Integral Preamplifier
- Mini-P Preamplifier
- 500J Power Adapter



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