

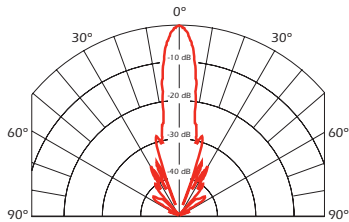
AR20



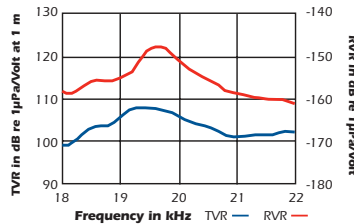
SPECIFICATIONS

Best Operating Frequency: 19.5 kHz, $\pm 4\%$
Typical Sensing Range: 80 cm to 40 m
Beamwidth (@ -3 dB Full Angle): 7° , $\pm 2^\circ$
Operating Temperature: -40°C to 60°C
Weight: 7.25 kg
Housing Material: Glass filled polyester
Acoustic Window: Glass reinforced epoxy

Directivity Pattern



Transmit & Receive Voltage Response



Impedance Magnitude & Phase

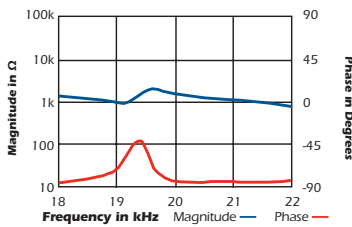
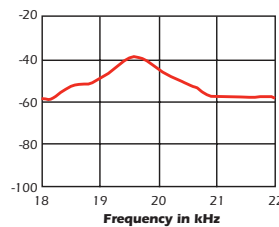


Figure of Merit (Sum of TVR & RVR)



19.5 kHz

AIRDUCER® Ultrasonic Transducer

Applications

- Powder, granular, slurry, and liquid
- Long-range level measurement

Features

- Long-term reliability
- Low-maintenance
- Non-contact
- No moving parts

Options

- Stainless steel 1" NPT or BSP thread mounts
- FM approval

Dimensions

