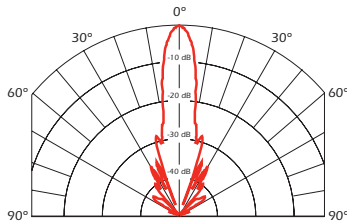




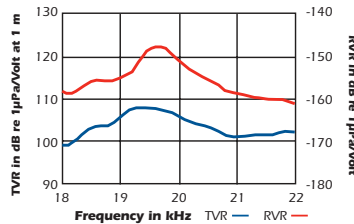
### SPECIFICATIONS

**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

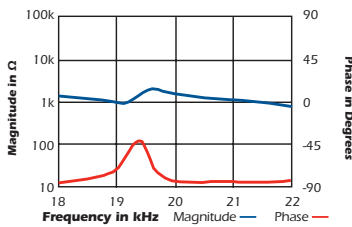
#### Directivity Pattern



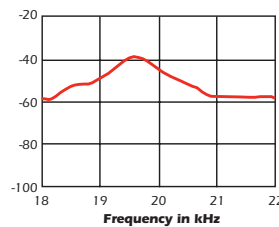
#### Transmit & Receive Voltage Response



#### 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

