

# Model ITC-9073

## 215 kHz Air Transducer

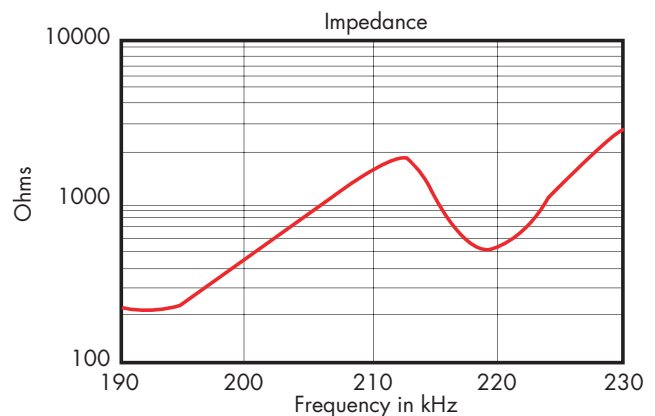
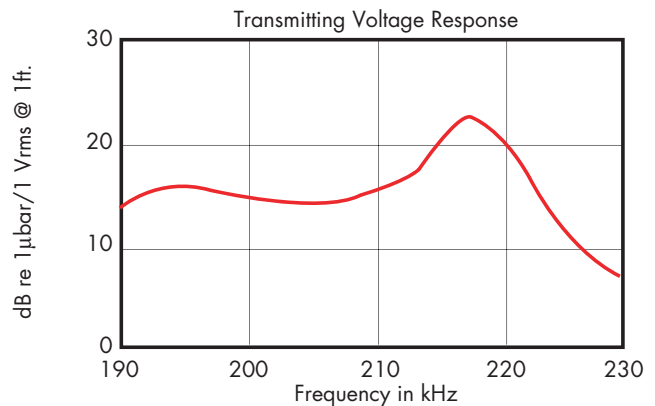
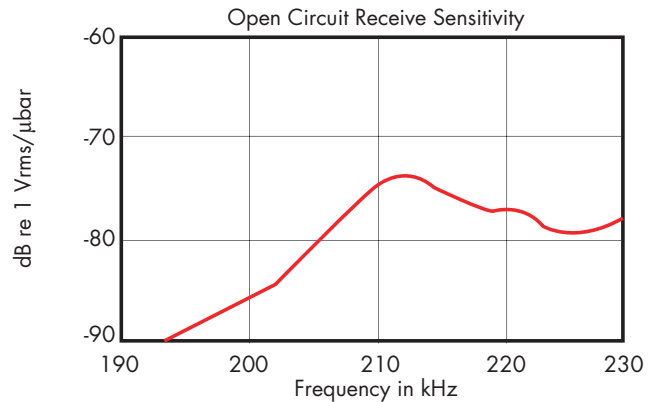
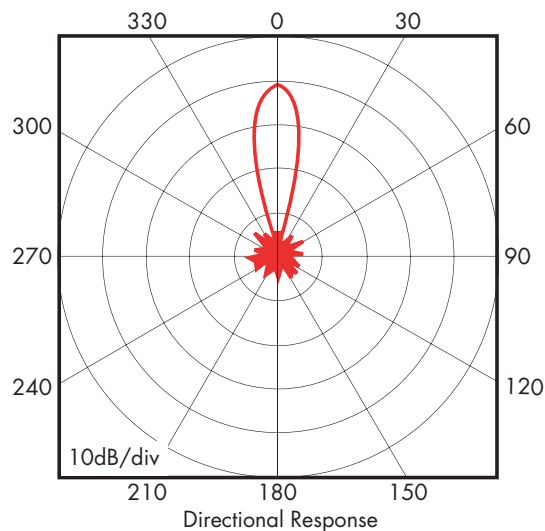
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**The Model ITC-9073** 215 kHz air transducer is designed for a variety of ultrasonic sensor products. Its narrow beam makes it a good choice for demanding proximity, position and level sensor applications. It can be used as a transmitter, receiver or both as needed and is equipped with an aluminum housing.



### Specifications (Nominal)

<b>Frequency at Receiving</b>	215 kHz
<b>Transmit Bandwidth</b>	30 kHz
<b>Transmit Sensitivity</b>	+23
(dB re 1 $\mu$ bar/1Vrms @ 1 ft.)	
<b>Receive Sensitivity</b>	-73
(dB re 1 Vrms/ $\mu$ bar)	
<b>Drive Voltage</b>	50Vp-p
(10% duty cycle)	
<b>Nominal Impedance</b>	1000 $\Omega$
<b>Beam Angle</b>	10°
(-3dB) Conical	
<b>Operating Temperature</b>	0-70°C
<b>Storage Temperature</b>	-40-90°C
<b>Humidity</b>	0-90%
<b>Weight</b>	10 grams



All specifications typical at 22°C and subject to change without notice.



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