

## 6211 Aviation Microphone

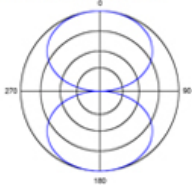


The 6211 Aviation Microphone provides advanced clarity, durability and noise cancellation performance for the most demanding aviation headsets.

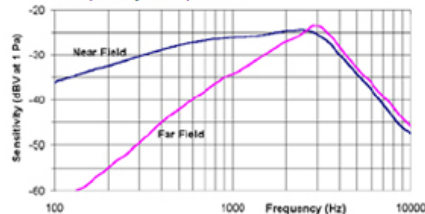
### Features:

- FAA Approved TSO-C139
- EMI Tested against RTCA/DO-160F
- ESD Protected RTCA/DO-160F
- Thermal Shock (50 cycles -55 °C to +70 °C)
- Immersion Resistant
- Nexus U-172/U compatible (fits MP-101)

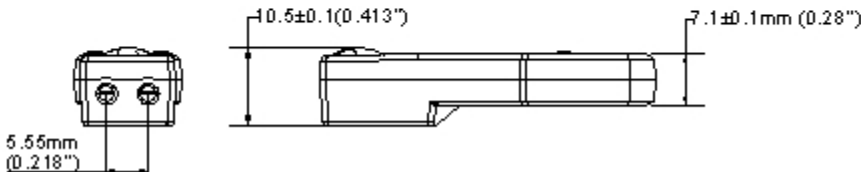
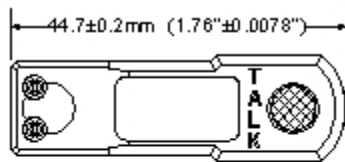
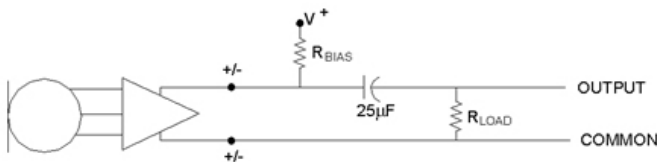
1 kHz Polar Response



Frequency Response



Load Circuit



### Specifications:

Generating Element:	Electret Condenser
Frequency Response:	100Hz to 10kHz
Sensitivity:	-31 to -25 dB ref 1Vrms (1kHz and 1 PA at 1/4")
Distortion:	< 5% at 114 dB SPL
Bias Voltage:	8 – 16 VDC (not polarity sensitive)
Rated Load Resistance:	220 Ohms
Rated Bias Resistance:	470 Ohms
Weight:	5 g
Output Impedance:	50 Ohms
Operating Temperature:	-20°C to +70°C
Humidity:	0 to 100 %RH (non-condensing)

