

# 6211 AVIATION MICROPHONE

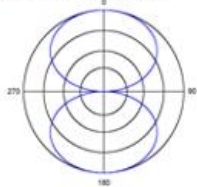


The 6211 Aviation Microphone provides advanced clarity, durability and noise cancellation performance for the most demanding aviation headsets.

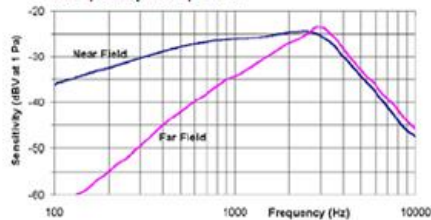
## Features:

- 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)

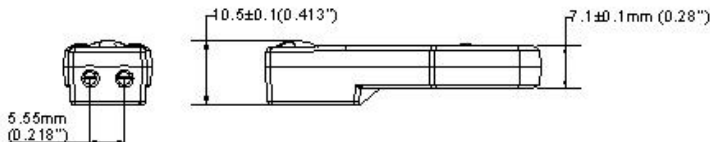
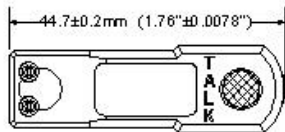
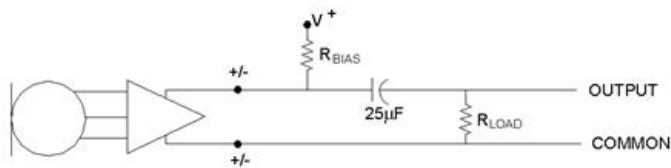
1 kHz Polar Response



Frequency Response



Load Circuit



## Specifications:

Microphone	Style MH-16
<b>Generating Element:</b>	Electret Condenser
<b>Polar Pattern:</b>	Noise-Canceling
<b>Frequency Response:</b>	100 Hz to 10 kHz
<b>Sensitivity (1 kHz @ 1/4" distance):</b>	-31 to -25 dB ref 1 Vrms / Pa
<b>Distortion:</b>	< 5% at 114 dB SPL
<b>Bias Voltage:</b>	8 Vdc to 16 Vdc (not polarity sensitive)
<b>Rated Load Resistance:</b>	220 Ohms
<b>Rated Bias Resistance:</b>	470 Ohms
<b>Output Impedance:</b>	50 Ohms
<b>General</b>	
<b>Weight:</b>	5 g
<b>Operating Temperature:</b>	-20 °C to +70 °C
<b>Humidity:</b>	0 to 100% RH (Non-condensing)