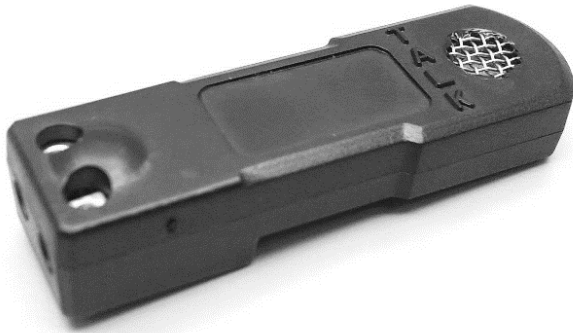




**Intricon**  
MICROMEDICAL TECHNOLOGY

## 6211 AVIATION MICROPHONE

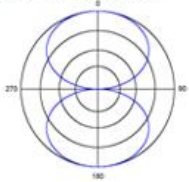


### Features:

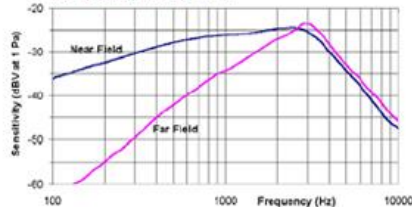
- FAA Approved TSO-C139
- EMI Tested against RTCA/DO-160F
- ESD Protected RTCA/DO-160F
- Thermal Shock (50 cycles -55 °C to +70 °C)
- Immersion Resistant
- Nexus U-172/U compatible (Fits MP-101)

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

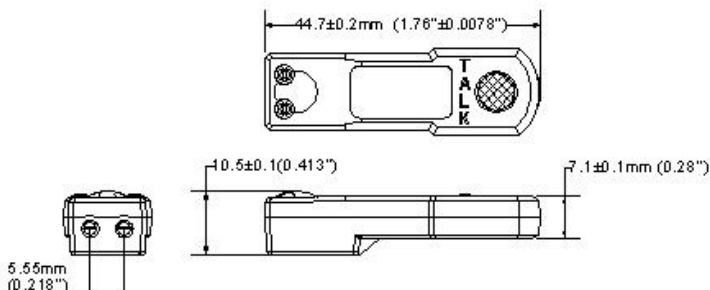
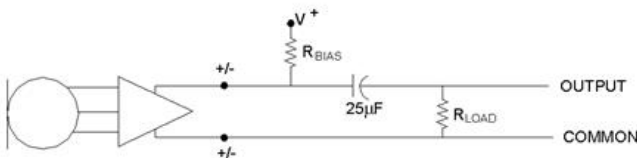
1 kHz Polar Response



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)

INTRICON CORP.  
INTRICON PTE. LTD.  
INTRICON GMBH

1260 Red Fox Road, Arden Hills, MN55112 \* Tel (651) 6369770 / Fax (651) 6369503  
8 Admiralty Street #02-01/06 Admirax Singapore 757438 \* Tel (65) 67761021 / Fax (65) 67791021  
Kesselschiedstrasse 10, D-85354 Friesing, Germany \* Tel (49) 816148040 / Fax (49) 8161480418

[www.intricon.com](http://www.intricon.com)  
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