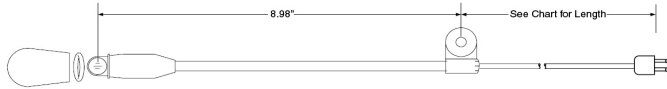


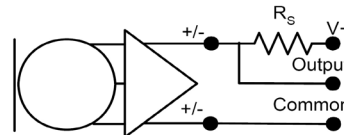
Type 100910

Ruggedized Aviation Electret Boom Microphone

- *Noise canceling amplified microphone*
- *One piece design with windscreen*
- *Non-flammable*
- *Low distortion*
- *Made in the USA*



Selection Guide		
Dash	Cable Length	Connector
-00	12"	None
-01	6"	U-172/U
-02	4"	U-172/U
-03	2.5"	U-172/U
-04	4"	JJ-055
-05	6"	U-173/U
-06	10"	U-173/U
-07	10"	U-173/U
-08	2.5"	U-172/U
-09	4"	MC-221



Specifications

SENSITIVITY @ 1 KHZ:
-30 to -22 dBV/Pa

FREQUENCY RESPONSE:
315 Hz to 6300 Hz

DISTORTION:
Less than 1% THD @ 94 dB SPL across specified frequency response

IMPEDANCE:
150 Ohms

BOOM FLEX LIFE:
20,000 cycles

RATED LOAD RESISTANCE:
 $R_s = 100 - 1800$ Ohms

RATED SUPPLY VOLTAGE:
12 VDC (not polarity sensitive)

RATED CURRENT DRAIN:
Less than 40 mA, $T_a = 25^\circ\text{C}$

WEIGHT:
55 grams

ENVIRONMENTAL:
Tested per MIL-STD-810 E

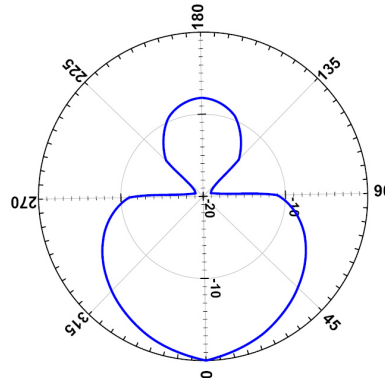
TEMPERATURE:
 -57°C to $+71^\circ\text{C}$ operating and storage

HUMIDITY:
0% to 90% relative humidity

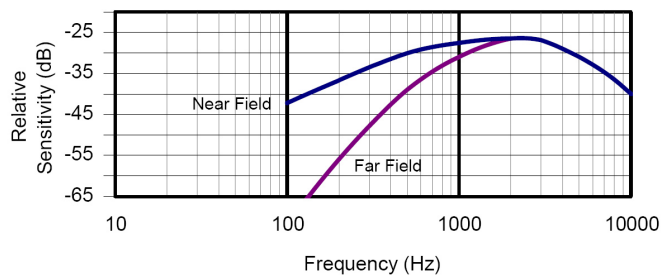
IMMERSION:
1 meter

DUST:
1750 ft/min @ 0.3 g/ft³

Angular Response @ 1 KHz



Frequency Response



GENTEX®

Gentex® Corporation is an ISO 9001: 2000 certified company.

GENTEX ELECTRO-ACOUSTIC PRODUCTS

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