

F(t)

JMP-1 Microphone Preamplifier Module

General Specifications...

Power Supply Voltage Range = Bipolar 12-24 VDC

Current Draw = 75-80 Milliamps each supply

Max Gain = +65 dB

Min Gain = +6 dB

Typical Closed Loop Performance...

Unless otherwise noted...

CL Gain = +30 dB

Load = 10K || .001 mfd

Generator Source Impedance = 50 ohm floating

Measurement Bandwidth = 22 - 22 KHz

THD+N = .0012%

CMRR with 2 Vrms common mode source > 100 dB below 10 KHz and > 90 dB below 20 KHz

High Freq -3 dB point = > 2 Megahertz

Phase Margin = < 2 degrees @ 10 Hz and 20 KHz

Equivalent Input Noise = -131 dBu (22-22 KHz) @ 60 dB gain