

F(t)

JFET-992 Operational Amplifier

General Specifications...

Open Loop Gain = 68 dB (typical)

Open Loop HF - 3dB point = 35 KHz

Open Loop Output Impedance = 6 ohms

Power Supply Voltage Range = Bipolar 12 thru 25 VDC

Current Draw = approx 30 milliamps each supply

Typical Closed Loop Performance...

Unless otherwise noted...

CL Gain = 6 dB

Load = 10K || .001 mfd

Generator Source Impedance = 25 ohm

Measurement Bandwidth = 22 - 22 KHz

THD+N @ 0 dBu Output = .001%

Noise Floor = -105 dBu

High Freq - 3 dB = > 2 Megahertz

Phase Margin < -2 degrees @ 20 KHz

CMRR > 90 dB (2 volt RMS common mode voltage applied), typically > 110 dB

Max Output Level (1% THD+N) with bipolar 24 VDC = > +24 dBu into 600 ohms or greater

Slew Rate > 60 V/us