



PRECISION VARIABLE GAIN DC VOLTAGE AMPLIFIER

- LOW NOISE - DOWN TO 1nV/√Hz
- BANDWIDTH - FROM DC TO 12MHz
- HIGH GAIN UP TO 80dB
- ADJUSTABLE GAIN - OVER 20dB



DESCRIPTION:

The **Model 351A Series** are low noise voltage amplifiers designed for instrument and transducer applications in which low drift and low noise are required. Both low and high input impedances are available.

SPECIFICATIONS:

Input

Impedance	50Ω (Add -50 to part number.) 4.7kΩ (Add -4.7 to part number.)
Capacitance	<10pF
Drift	0.2μV/°C typical

Output

Load	≥50Ω
Swing	16V pk-pk into 1kΩ 12V pk-pk into 50Ω
Offset	Trimpot Adjustable

Gain

Trimpot adjustable over 20dB

Polarity

Inverting (Add -INV to part number.)
Non-Inverting (Add -NI to part number.)

Power

±15VDC at 28mA typical (no load)

Temperature

0° to +70°C

Connections

Input/Output BNC
Power Filter feed-thru pins and ground lug

Size

3.12" x 1.50" x 1.09"

Specifications subject to change without notice.



APPLICATIONS:

Transducer Amplifiers, Instrumentation Amplifiers

