



DC-100 Transimpedance/Voltage Amplifier. Block Diagram.

The DC-100 can be used in a voltage amplifier mode producing 20dB gain. As a transimpedance amplifier it has only $1\mu\text{A}$ -p-p full bandwidth input equivalent noise and 60dB gain. [1V/1mA]

The output amplitude is $\pm 4\text{V}$ maximum when unterminated and $\pm 2\text{V}$ maximum when terminated with 50Ω impedance (recommended).

[The above specified gain is valid for a 50Ω load.]