

High-precision optical power meter logarithmic operational amplifier

Analog Devices" optical and logarithmic transimpedance amplifiers (TIAs) offer high performance, single-chip solutions for precise photodiode current-to-voltage conversion.

Our benchtop optical power and energy meters are plug and play compatible with our wide range of calibrated optical sensors for the highly accurate and repeatable optical measurements required in ...

The Power 1400 Series optical power meter provides fast, accurate monitoring of signal power from -60 to +10 dBm across a wavelength range of 750 to 1700 nm. Its logarithmic amplifier design eliminates ...

N7743C Optical high-power power meter with 2 / 4 ports, analog outputs for linear or logarithmic feedback, and option to extend the wavelength range down to 800 nm. Find out what's included and ...

About this item [PRECISION] The AD8310 is a high-speed voltage-output logarithmic amplifier designed for precision signal measurement with a broad detection range from DC to ...

The LOG200 is a wide-dynamic-range current-to-voltage amplifier specifically designed to optimize current measurements across 160dB of dynamic range with unparalleled accuracy and speed for ...

The large wavelength range of the optical power meter enables working in both the visible and infrared range without switching. The precise, logarithmic output signal is ideal for optical alignment systems.

Description: The AD8310 is a high-speed voltage-output type logarithmic amplifier with a detection frequency in the range of DC to 440MHz. With a fast response time (typically 15 ns), it can be used ...

The design thought of the Optical Power Meter is provided in this paper, which focuses on the special characteristics of the logarithmic amplifier AD8304 and the application of the...

The use of logarithmic amplifiers for optical power monitoring results from the large dynamic range of relevant powers. For example, the OPM500 series can measure from 1mW to 30pW: more than 7 ...

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