

Voltage Amplifier PD200 - Test Bench

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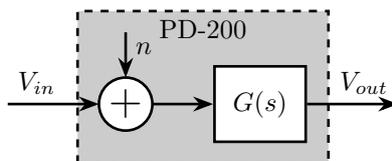
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1 Voltage Amplifier Model

The Amplifier is characterized by its dynamics from voltage inputs V_{in} to voltage output V_{out} . Ideally, the gain from V_{in} to V_{out} is constant over a wide frequency band with very small phase drop.

It is also characterized by its input noise n . This noise is described by its Power Spectral Density.



2 Noise measurement

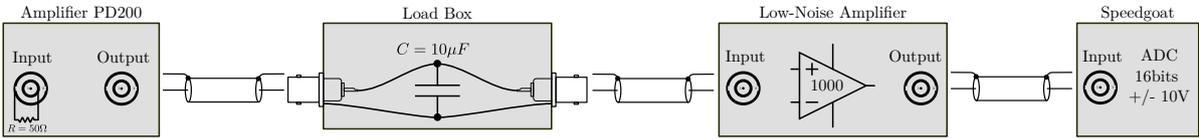


Figure 2.1: Figure caption

3 Transfer Function measurement

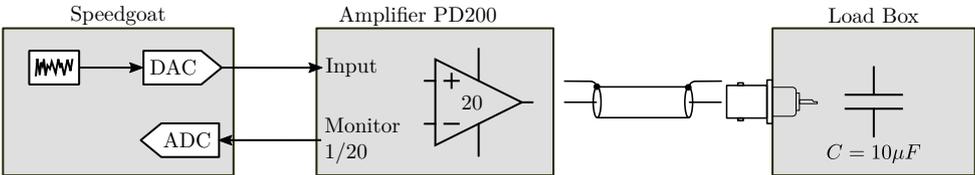


Figure 3.1: Figure caption