Measurement loading, amplifier gain and detector response

GRE Subject Test · GRE Physics · Vocabulary in context

Word	Example
loading /ˈləʊdɪŋ/	A low-resistance voltmeter causes **loading** of the circuit.
cutoff frequency /ˈkʌtɒf ˈfriːkwənsi/	Above the **cutoff frequency**, the low-pass filter blocks the signal.
dead time /ded taɪm/	**Dead time** makes the detector miss some closely spaced events.
input impedance /ˈɪnpʊt ɪmˈpiːdəns/	High **input impedance** reduces the voltmeter's loading effect.

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