The Amplifier Spec Sheet

Here’s a list of some of the most important amplifier specifications:

**Gain (dB)**

**Bandwidth (Hz)**

**Input Impedance** ($S_{11}$, $Z_{in}$, $\Gamma$, return loss, VSWR)

**Output Impedance** ($S_{11}$, $Z_{in}$, $\Gamma$, return loss, VSWR)

**Reverse Isolation (dB)**

**D.C. Power (Nominal D.C. voltage and current)**

**1 dB compression point** (Watts, dBm, dBw)

**3rd order intercept point** (Watts, dBm, dBw)

**Noise Figure (dB)**

We will learn about this later!