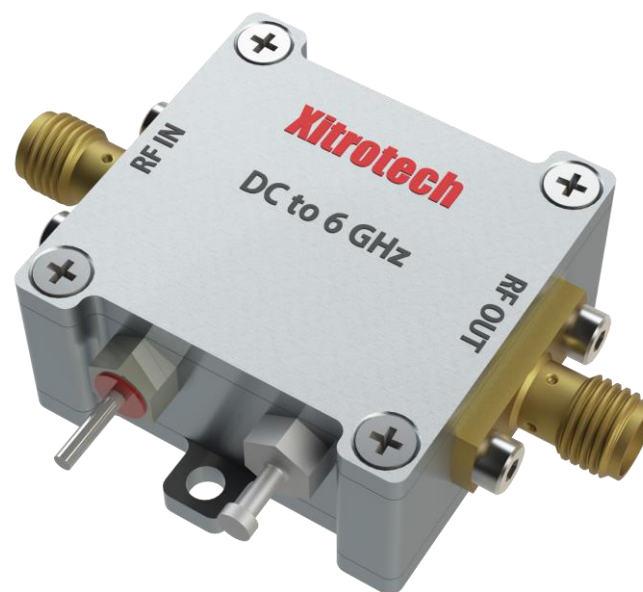
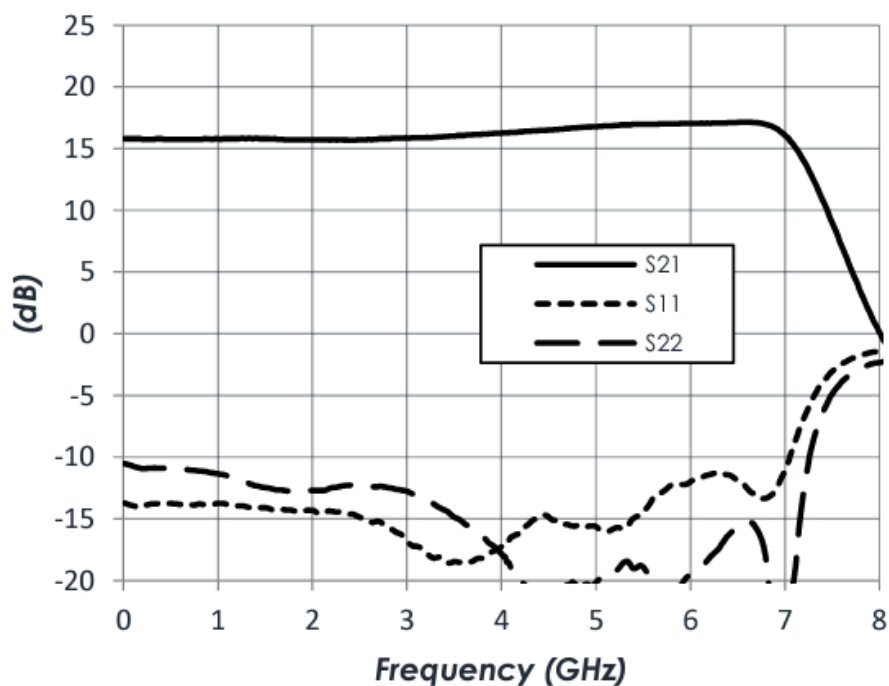
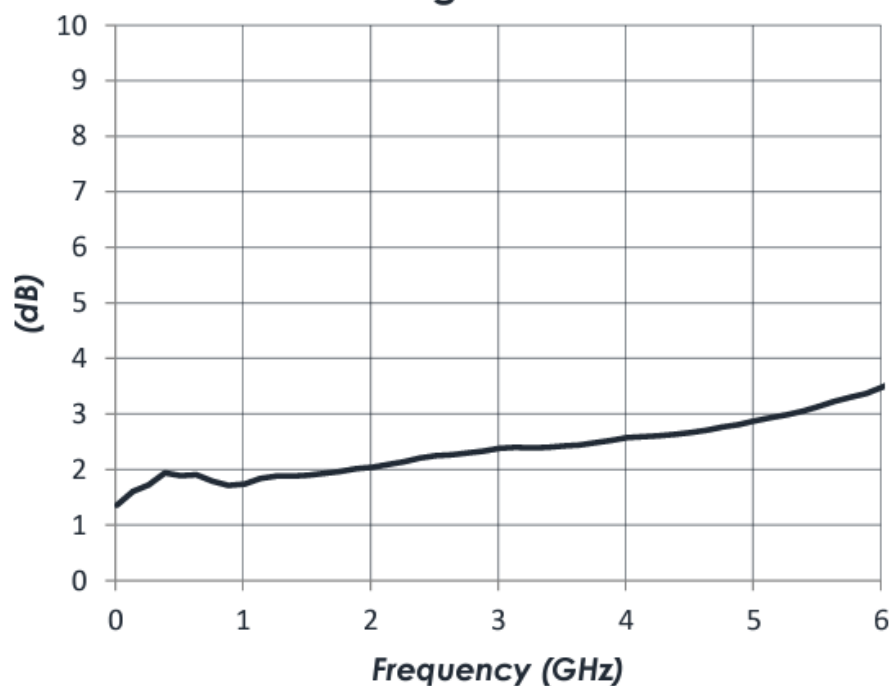


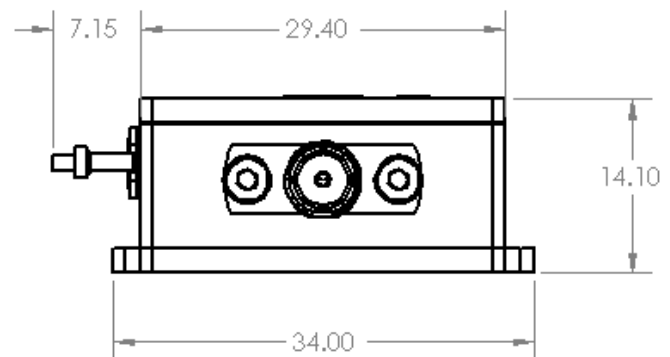
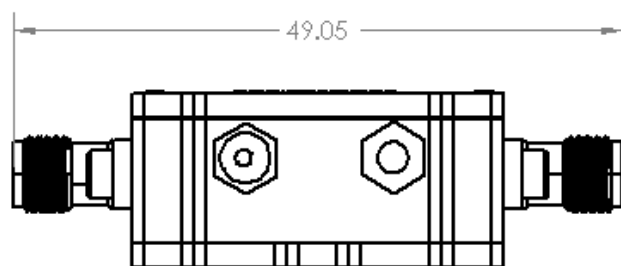
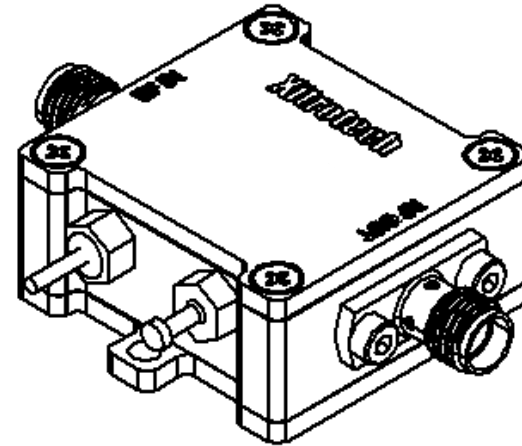
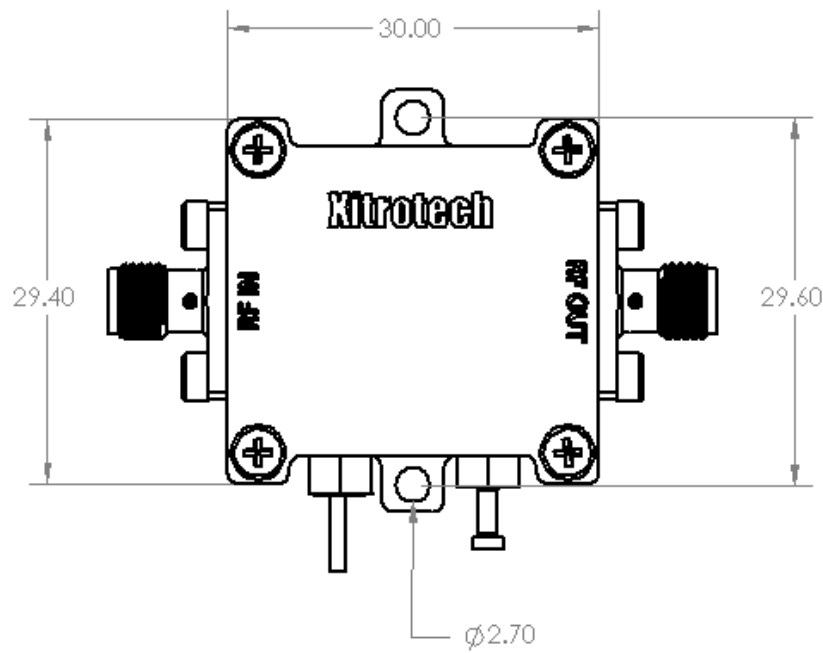
**DC to 6 GHz Amplifier****Description**

The XILNA1606 is an amplifier covering up to 6 GHz. The device exhibits high second and third-order intercept performance, excellent gain stability over the operating temperature range, and a moderate positive gain slope providing frequency equalization useful in many broadband applications. With internal 50Ω matching and a small enclosure, the XILNA1606 is suitable for various uses.

**Features**

- 16 dB Gain
- 2.3 dB Noise Figure
- +37 dBm OIP3
- +48 dBm OIP2
- +21 dBm P1dB
- +6V Operation

**Characteristic Performance****Gain and Return Loss at +25C****Noise Figure at +25C**

**Outline Dimensions**

Dimensions are in (mm). Tolerances:  $\pm .015$  mm

**Note:**

1. Case material: Aluminum
2. Case finish : Anodized