



# USB Low Noise Amplifier

## 50 MHz – 3 GHz

### Description:

**USBLNA3G** – USB powered low noise amplifier (LNA) with operation range from 50MHz to 3GHz. Amplification can be controlled through keypad and LED display or computer application. Gain level is set by digital attenuator. Robust aluminum enclosure allows on-site use.



### Technical specifications:

<b>Impedance:</b>	50 $\Omega$
<b>Frequency Range</b>	50 MHz to 3000 MHz
<b>Amplification Range:</b>	0 – 31.75 dB
<b>Min. Amplification Step:</b>	0.25 dB
<b>Noise Figure:</b>	1.8 typ.
<b>Output IP3:</b>	34 dBm
<b>Gain:</b>	20 dB max
<b>Switching Speed:</b>	10 $\mu$ s typ.
<b>Input/Output VSWR:</b>	Max. 1.8:1, Typ. 1.4
<b>Max. RF Input Power</b>	7 dBm
<b>RF Connectors:</b>	SMA - female
<b>Dimensions:</b>	55x80x25 mm.
<b>Package content:</b>	USBLNA3G, USB cable, Software package



