



USB Low Noise Amplifier

700 MHz – 6 GHz

Description:

USBLNA6G – USB powered low noise amplifier (LNA) with operation range from 700MHz to 6GHz. Amplification can be controlled through keypad and LED display or computer application. Gain level is set by digital attenuator.

Technical specifications:

Impedance:	50 Ω
Frequency Range	700 MHz to 6000 MHz
Amplification Range:	0 – 31.75 dB
Min. Amplification Step:	0.25 dB
Noise Figure:	1.8 typ.
Output IP3:	34 dBm
Gain:	20 dB max
Switching Speed:	10µs typ.
Input/Output VSWR:	Max. 1.8:1, Typ. 1.4
Max. RF Input Power	7 dBm
RF Connectors:	SMA - female
Dimensions:	55x80x25 mm.
Package content:	USBLNA6G, USB cable, Software package



