

# RF Explorer Upconverter

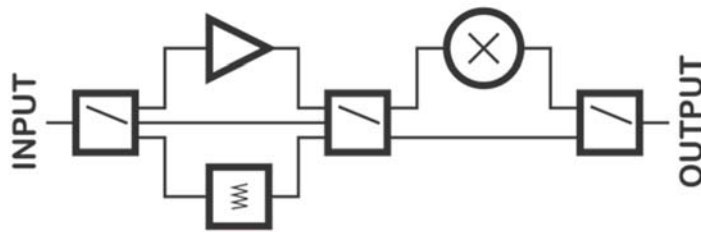
SKU 114991131



## Description

RF Explorer Upconverter is a high performance RF frequency mixer to enable input frequency ranges from 100KHz to 250MHz in RF Explorer Spectrum Analyzer and other devices such as SDR and wideband radios.

## RF Upconverter Mixer Attenuator and LNA



RF Explorer Upconverter is a multi-purpose device:

\* Includes an Upconverter Mixer to enable frequencies 100Khz - 250MHz in your

RF Explorer Spectrum Analyzer or other devices such as RTL-SDR and converts into 530.1-780MHz

\* Internal selectable Low Noise Amplifier of 25dB gain nominal, to increase sensitivity of receivers, Spectrum Analyzers, Oscilloscopes and Near Field antennas in frequencies 100KHz - 4GHz

\* Internal selectable Attenuator 30dB nominal to enable large signal measurement

### Features

- Internal LNA amplifier and selectable attenuator
- In Mixer mode convert frequencies from input 100KHz-250MHz up to 530.1-780MHz output
- In Bypass mode it can work in frequencies from 50KHz to 4GHz including LNA and Attenuator
- Compact size and light weight
- Solid aluminum metal case
- Mini USB port is used for powering the unit DC 5V, easy connection to a PC, wall wart or even portable power bank battery.

- Easy connection to RF Explorer with included RF adapter SNA Male-Male
- Ideal device to amplify weak signals using RF Explorer Near Field antennas

### Technical Details

Dimensions	120mm x 77mm x 26mm
Weight	G.W 95g
Battery	Exclude
Input Frequency band Mixer Mode	0.1 – 250MHz
Input Frequency band: Bypass Mode	0 – 4GHz
LNA Frequency band	0 – 4GHz

Attenuator Frequency band	0 – 4GHz
Internal selectable LNA	25dB gain
Internal selectable Attenuator	30dB
Connectors	Standard SMA 50 ohms RF connectors
Absolute Max input power Bypass and Attenuator mode	+30dBm
Absolute Max input power LNA mode	+5dBm
Mixer stability and accuracy (typical)	+/-10ppm

## Part List

RF Explorer Upconverter	1
SMA Male-Male adapter	1

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