

# UHF to L band Upconverter

- Upconverts frequencies in the range 160 - 860MHz to L Band.
- Fixed frequency, low phase noise LO.
- LO frequency @ 1000MHz



## Description

The Global Professional UHF to L band Upconverter enables reception of signals in the UHF range on an L band input receiver. It is equally suitable for use with analogue or digital broadcasts.

## Specification

Input centre Frequency (MHz)	160 - 860 MHz
Output Frequency	160 - 860 MHz +/- LO frequency
Conversion Loss	15 +/- 2 dB
Frequency Response	+/- 0.5dB max over +/- 20 MHz
O/P 3rd order inter. point	-8 dB
LO Frequency	1000 MHz
LO Stability	+/- 2.5 MHz for +5 to +40 Centigrade
Phase Noise	-80 dBc / Hz @ 10 KHz
LO Level @ Output	-35 dBm
Input Impedance	50 ohm or 75 ohm
Output Impedance	75 ohm
Input Return Loss	20 dB
Output Return Loss	10 dB
Current Consumption	45 mA
Input Attenuator	10 dB
Connectors	50 ohm or 75 ohm BNC input, F or N