



UHF Upconverter

P/N U-UPCONB/AFZ

Description

The Global Professional UHF to L Band upconverter enables reception of signals in the UHF range on a L Band input receiver.

It is equally suitable for use with analogue or digital broadcasts.

Upconverts UHF frequencies in the range of 160-860MHz to L Band.

Fixed Frequency, low phase noise LO.

LO Frequency @ 1000MHz



Specifications

Input Centre Frequency	160 –860MHz
Output Synthesized Frequency	160-860MHz ± LO Freq.
Conversion Loss	15dB ± 2dB
Frequency Responce	± 0.5dB max over ± 20MHz
O/P 3rd Order Inter.Point	-8dB
LO Frequency	1000MHz
LO Stability	± 2.5MHz for +5 to +40°C
Phase Noise	-80dBc/Hz @10KHz
I/P Impedance	50 or 75Ω
O/P Impedance	75 Ω
I/P Return Loss	20dB
O/P Return Loss	10dB
Power Consumption	24v DC @50mA
Dimensions	80mm x 65mm x 26mm
Weight with PSU	250 grams
RoSH/WEEE Compliant	YES

Other Connector configurations available upon request.

Up Converter