

L-BAND UPCONVERTER

C And Ku-band

Upcom Technologies' line of fixed L.O. L-band upconverters fills a market need for a reliable low-cost up-converter package. It is available with C or Ku band outputs for video, data and voice applications over satellite.

It allows the simple use of L-band modulators directly with SSPA's or TWTA in new or legacy systems.



- **SSPA BASED**
- **INDOOR OR OUTDOOR OPTIONS**
- **AC UNIVERSAL POWER INPUT**
- **INTERNAL OR EXTERNAL 10MHz (OPTION)**
- **AVAILABLE IN C OR KU BANDS**
- **3 YEAR WARRANTY!**

Model	UC-LC	UC-LKU
Output Power	10dBm	10dBm
Gain, dB min.	40dB	40dB
Gain variable	10dB	10dB
Power Consumption	150W	150W

Output Range: C or Ku Band (extended available)
Input Range: 950 to 1450 MHz
Gain Flatness over 50MHz: +/-1.0dB max. at room temperature
Gain Flatness full band +/-2.5dB max. at room temperature
Gain Variation +/-1.5dB max. at operating temperature
Input VSWR: 2.0:1 max.
Output Return Loss: -17dB max.
Spurious at Rated Power: -50dBc max
Third Order IMD: -30dBc max @ 7dB back off
Output Phase Noise:
@1KHz : -75dBc/Hz
@ 10KHz : -80dBc/Hz
@ 100KHz : -90dBc/Hz
IF Input (L-band): BNC
RF Output (C or Ku Band): N Type

Altitude: Up to 10,000ft
Temperature: Operating Temperature: -40° to +55°C
Storage Temperature: -55° to +85°C
Humidity: 95%
Shock and Vibration: Equal to mobile van or stationary rack.
AC Power: 85VAC to 220VAC
50/60Hz

UPCOM Technologies Inc.

2033 Gateway Place, 5th Floor, San Jose, California 95110
Phone: 1.408.329.4158 • Fax: 1.408.329.4159 • E-mail: sales@upcom.com
web : www.upcom.com

