

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**
- **2 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

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